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ABSTRACT

Microfiche viewers and viewer-printers available in the United States in 1973 are described. General evaluation criteria are first discussed to assist the potential buyer in developing a frame of reference for making judgments. Following this, detailed specifications, including photographs of the equipment, are uniformly listed for each of the 92 models surveyed. Features discussed include: model name, lenses available, fiche size accepted, screen size, screen type, positioning controls, optical system, rated lamp life, additional features available at no extra cost, optional extra-cost accessories, warranty period, list price, and discounts offered. Additional information is provided for those viewers capable of printing full-sized paper copies, including the process used, print speed, print size and print cost. (PB)

DDC-TR-73-2

AD-767 500

MICROFICHE VIEWING EQUIPMENT GUIDE

Ronald F. Gordon

Directorate of Development

September 1973

3rd Edition

Approved for public release; distribution unlimited

DEFENSE DOCUMENTATION CENTER

Defense Supply Agency

Cameron Station

Alexandria, Virginia 22314

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) A descriptive directory of microfiche viewers and viewer-printers that are manufactured or distributed in the United States through mid-1973. General evaluation criteria have been outlined to assist the potential buyer. Detailed specifications, features, and photographs are uniformly listed for each of the 92 models surveyed.		

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DEFENSE DOCUMENTATION CENTER
CAMERON STATION
ALEXANDRIA, VIRGINIA 22314

PREFACE

The Defense Documentation Center (DDC), a major producer of microfiche for the Department of Defense (DoD) and its contractors, has published this equipment guide in an effort to assist the users and potential users of microfiche. This report updates and supersedes AD 734 400 that was published in December 1971.

Information about currently available microfiche viewing equipment was requested from all known viewer manufacturers and/or distributors located in the United States. The prices and related data included in this guide were supplied by cooperating companies and were current in June 1973. Features and specifications have been uniformly listed to aid comparison of the viewers and viewer-printers surveyed. The inclusion or exclusion of a product shall not be interpreted as an endorsement or criticism of that product by the U.S. Government.

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INTRODUCTION

"Microfiche," as defined by the National Microfilm Association* (NMA), is a sheet of microfilm containing multiple microimages in a grid pattern and a header information area which can be read without magnification. The most widely-used microfiche standard in the United States is the 98-frame NMA format at a 24:1 reduction ratio. The above standard fiche, which measures 105mm x 148mm (approximately 4" x 6") in size, is described in detail in NMA's newly published standard MS5-1972. American National Standards Institute** (ANSI) has published a standard entitled, "Specifications for Microfiches" (PH5.9-1970) that incorporates the NMA format and also a 20X 60-frame format. In an effort to further standardization, COSATI voted in 1971 to abandon the 20X format in favor of the NMA 24X 98-frame format. Most Government producers of fiche (including DDC) have now switched to the NMA format. Ultrafiche at reduction ratios ranging from 100X to 210X have not been officially standardized.

Many new microfiche applications are now being produced on Computer-Output-Microfilm (COM) equipment. COM recorders have the capability to expose 105mm fiche (or roll film) directly from computer magnetic tape at speeds up to 1,200 pages per minute. Some available units provide "ready-to use" data by developing the fiche within the same device; output from others must be developed in a separate film processor. The NMA has published a COM standard (MS2-1971) that establishes the effective reduction ratio at 24X, however, fiche formats at 42X and 48X have become commonplace. The Department of Defense (DoD), for example, recently standardized on 48X for its COM-produced Federal Catalogs. The 48X format at 270 frames per fiche contains 62 frames more than the similar 42X version. Large-scale use of the higher compacted DoD fiche will probably cause an early death of the nonstandard 42X format.

This updated microfiche viewer and viewer-printer compendium has been published so that DDC microfiche users and others may keep astride of the rapidly advancing state of the art. Microform viewer manufacturers/distributors located in the United States were contacted in the gathering of descriptive materials; only those models selected by cooperating companies have been included. Information and photographs of new viewer models are solicited and should be sent to DDC for inclusion in future equipment publications.

User objectives should be adequately defined for proper appraisal of viewing equipment features. Some of the requirements to be considered are: microform flexibility, use frequency, portability, ambient light conditions, and hard copy printout needs. To assure full acceptance of microfiche, careful attention should be paid to human-engineered equipment features. Controls should be easy to use; film loading should be simple; and projected images should be bright, sharp, and glare free.

*National Microfilm Association, Suite 1101, 8728 Colesville Road, Silver Spring, Maryland 20910.

**American National Standards Institute, 1430 Broadway, New York, New York 10018.

To properly evaluate these and other subjective factors, one should try his own microfiche on prospective equipment. Some important characteristics to look for in microfiche viewing equipment are listed below; they are, however, not necessarily listed in order of importance.

- Constant Frame-to-Frame Focus
- Full-Page Viewing
- Long Lamp Life
- Uniform Screen Brightness
- Uniform Across-Section Focus
- Easy Frame-to-Frame Scanning
- Convenient Loading and Unloading
- Easy-to-Reach Controls
- Image Rotation Provision
- Low Operating Temperature
- Convenient Lamp Replacement
- Low Noise Level
- Variable Light Control
- Nonflare Screen
- Frame Location Index
- Vibration-Free Image

Look for the following viewer-printer characteristics as well as those listed above:

- Sharp Contrasting Prints
- Fast Printing Cycle
- Print Curl and Fade Resistance
- Long Paper Shelf Life
- Easy Paper Loading
- Jam-Proof Operation
- Low Copy Cost

Equipment descriptions used throughout have been arranged in a standard format to aid comparison. Manufacturer names appear alphabetically with the products of each in ascending order of price. A full-page photograph and detailed description are provided for each unit. An explanation of the feature terms used follows:

MODEL - The name and/or number supplied by the manufacturer for viewer identification.

LENSES AVAILABLE - Most viewer models offer a choice of lenses but are normally supplied with only one. The lens (magnification) selected should be relatively close to the reduction ratio of the microfiche in use.

FICHE SIZE ACCEPTED - The maximum outside dimension of a microfiche or jacket that is accommodated in the unit's glass flat or film carrier.

SCREEN SIZE - Selection of screen size (and lens) should closely simulate the size of the original document.

SCREEN TYPE - Most microfiche viewer screens are of the rear projection type; images are projected to the rear and through a translucent screen. Reflective opaque screens are used in the front projection models.

POSITIONING CONTROLS - Description of the microfiche carrier mechanism that positions the image on the screen.

OPTICAL SYSTEM - Pertinent information concerning lenses, lamps, etc., is described.

RATED LAMP LIFE - The cumulative amount of time that a projection lamp can be expected to last in the equipment.

OTHER FEATURES - Additional features provided with basic unit at no cost.

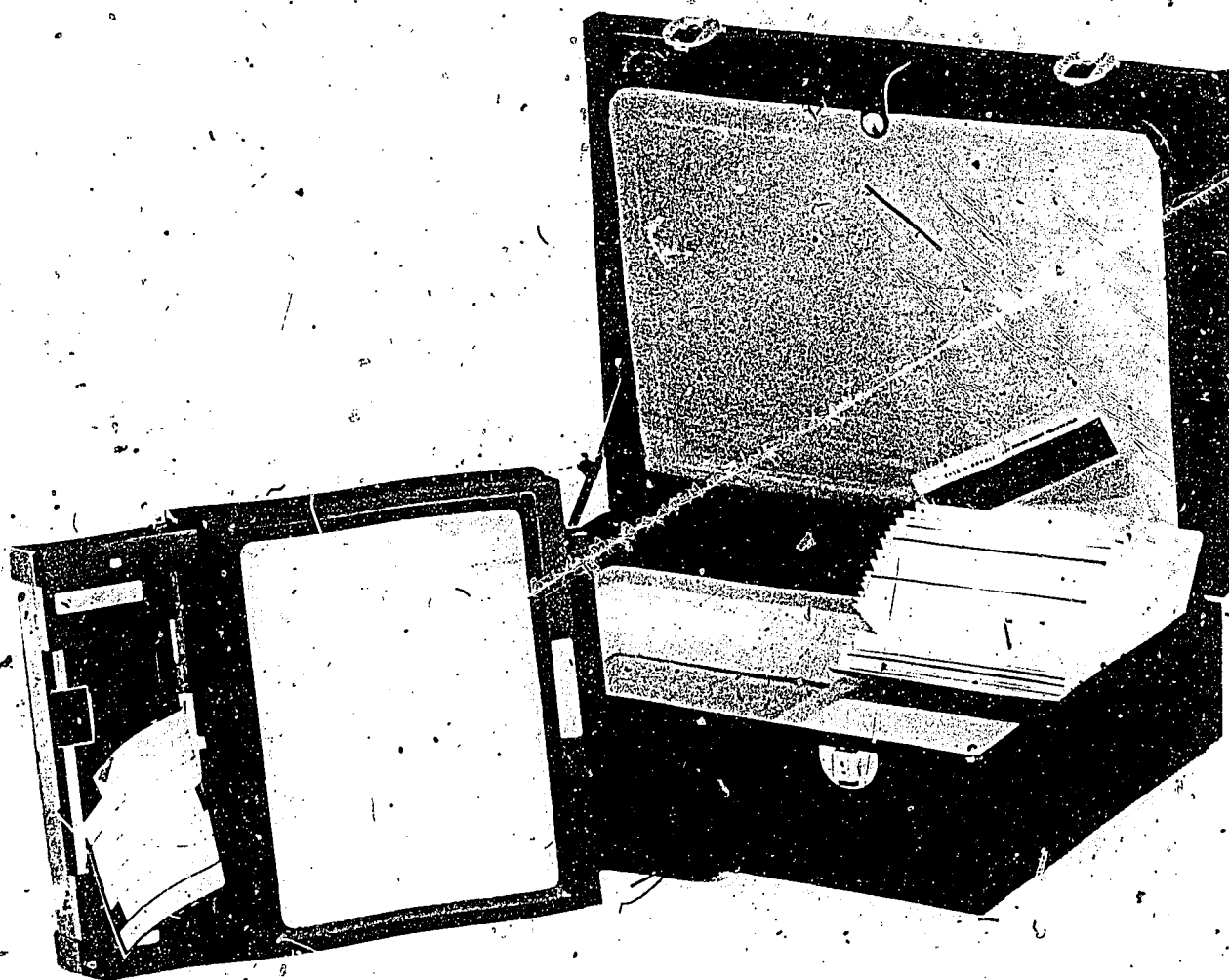
ACCESSORIES - Optional extra-cost items that are offered to increase versatility or convenience.

WARRANTY PERIOD - The period of time a manufacturer guarantees to the original owner that the unit is free of manufacturing defects. Equipment failure due to misuse or accident and lamps are usually excluded from the warranty. Repair work, which normally includes parts and labor, is accomplished without charge.

LIST PRICE - The price listed is for a single unit as of June 1973 (quantity orders are usually discounted).

GSA SCHEDULE - The Federal Government's discount price for a single unit available through the General Services Administration. Further discounts are common for quantity orders.

READER-PRINTER - Additional information is provided for those viewers capable of printing full-size paper copy.



BELL & HOWELL COMPANY Briefcase Reader

MANUFACTURER/DISTRIBUTOR

Bell & Howell Company

ADDRESS6800 McCormick Road
Chicago, Illinois 60645**MODEL**

Briefcase Reader

LENSES AVAILABLE

Nominal POK

FICHE SIZES ACCEPTED

4" x Any Length

SCREEN SIZE

6 5/8" x 9"

SCREEN COLOR

Gray

SCREEN TYPEFresnel or Polacoat
Rear Protection**POSITIONING CONTROLS**

Thumb Turn Slide

OPTICAL SYSTEM

Lens and Reflector

RATED LAMP LIFE

500 Hours

POWER REQUIREMENT

117 VAC 60 Hz

CONSTRUCTION MATERIAL

High Impact Plastic

WEIGHT AND DIMENSIONS

5 lbs.

Closed: 3 1/2" H, 9 3/4" W, 10 1/2" D
Open: 6 1/2" H, 12 5/8" W, 10 1/2" D**OTHER FEATURES**

Can be used as Wall Projector

ACCESSORIES

Briefcase

Desk Stand

12-Volt Adapter Cord

WARRANTY PERIOD

90 Days Service

1 Year Parts

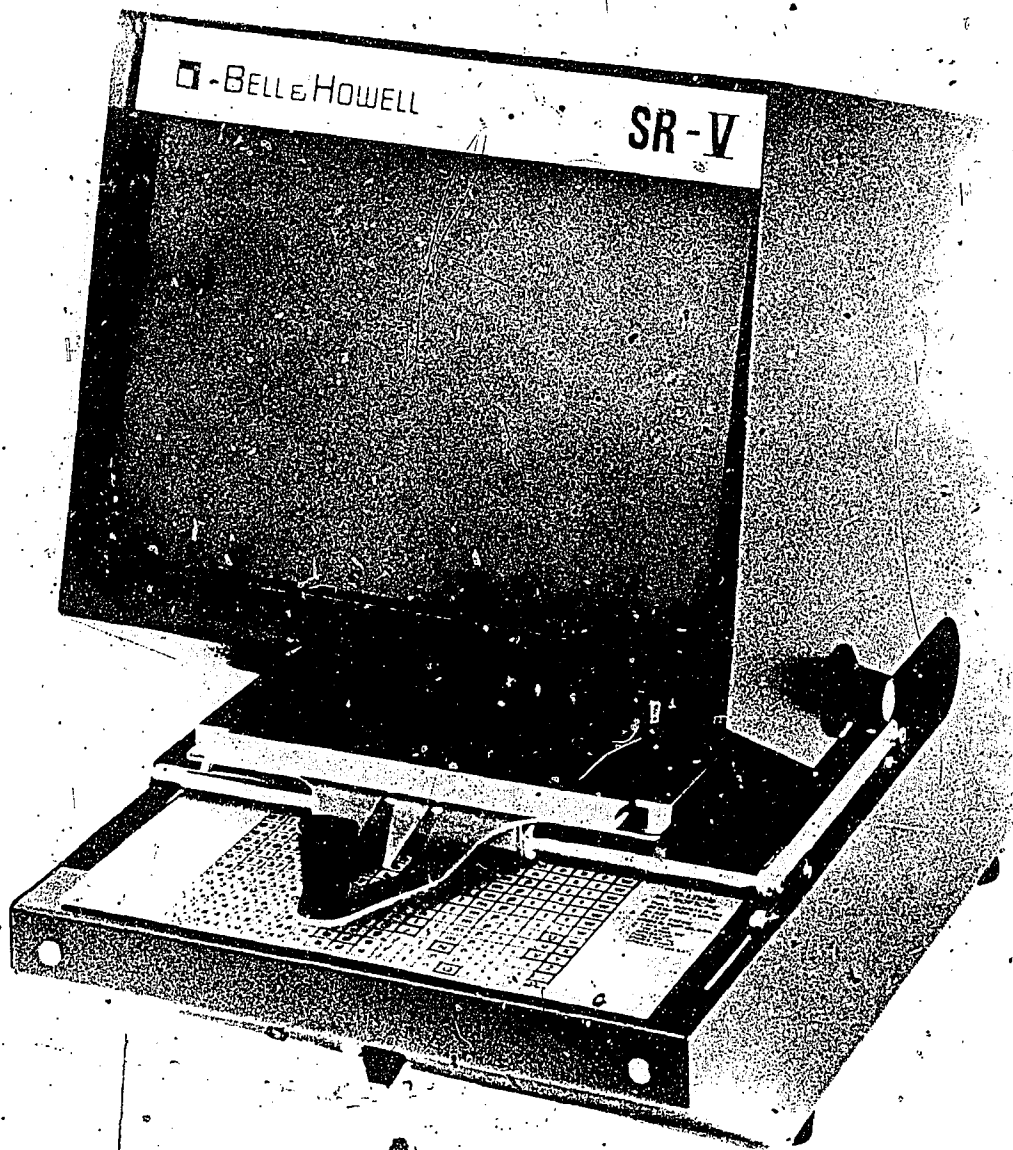
LIST PRICE

\$99.00

GSA SCHEDULE

6% Discount

READER-PRINTER (if applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



BELL & HOWELL COMPANY Model SR V

MANUFACTURER/DISTRIBUTOR

Bell & Howell Company

ADDRESS

6300 McCormick Road
Chicago, Illinois 60645

MODEL

SR V

LENSES AVAILABLE

18X, 24X, 32X, 40X, or 48X

FICHE SIZES ACCEPTED

4" x 6" or 4" x 7 3/8"

SCREEN SIZE

5 1/2" x 8 1/2"

SCREEN COLOR

Gray

SCREEN TYPE

Fresnel

POSITIONING CONTROLS

Single Fingertip Control

OPTICAL SYSTEM

Floating Lens
Maintains Constant Focus

RATED LAMP LIFE

250 Hours

POWER REQUIREMENT

117 VAC 50/60 Hz

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

18 lbs.

13" H, 9 1/2" W, 13 1/4" D

OTHER FEATURES

UL Approved

ACCESSORIES

Screen Hood Extension
Reader Turntable

WARRANTY PERIOD

90 Days Service
1 Year Parts

LIST PRICE

\$125.00

GSA SCHEDULE

6% Discount

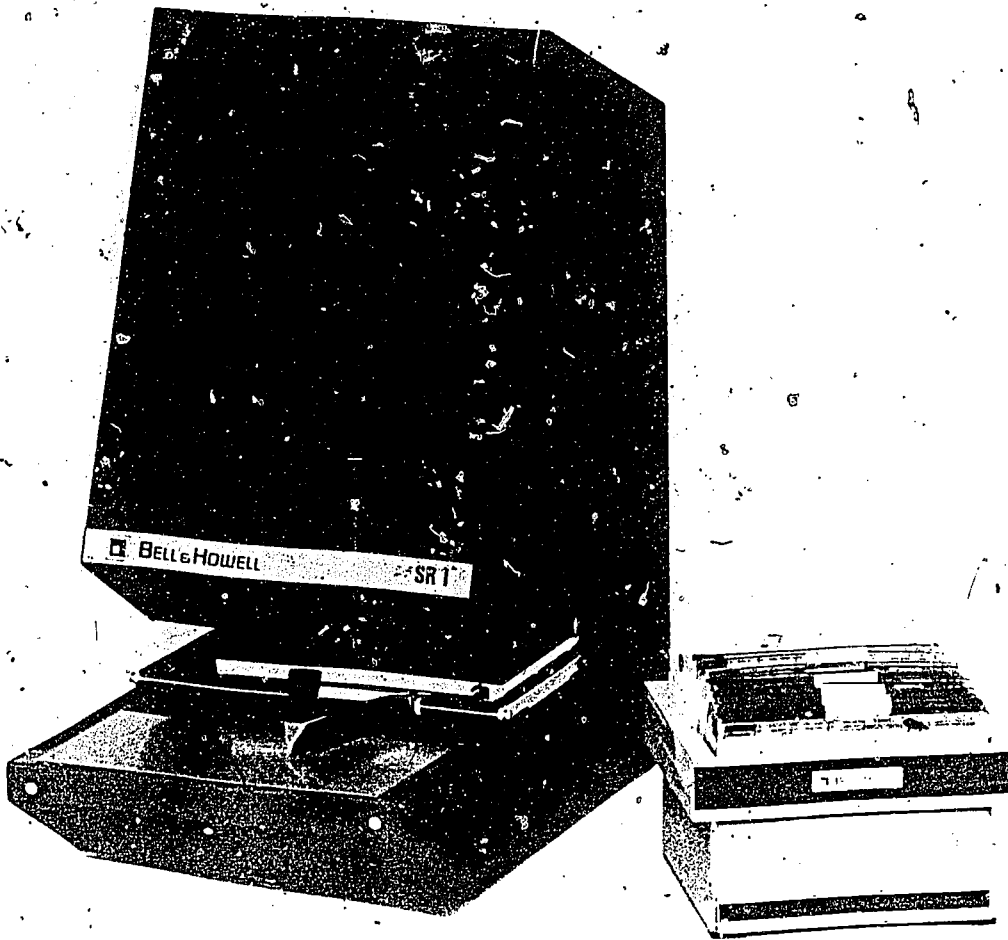
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



BELL & HOWELL COMPANY Model SR I

MANUFACTURER/DISTRIBUTOR

Bell & Howell Company

ADDRESS300 Westermick Road
Chicago, Illinois 6065**MODEL****LENSES AVAILABLE**

100, 200, or 300

FICHE SIZES ACCEPTED

4" x 6" or 4" x 7 3/8"

SCREEN SIZE

8 1/2" x 11"

SCREEN COLOR

Blue, Gray or Green

SCREEN TYPE

Non-flare, Rear Projection

POSITIONING CONTROLS

Single Fingertip Control

OPTICAL SYSTEMFloating Lens
Maintains Constant Focus**RATED LAMP LIFE**

500 Hours

POWER REQUIREMENT

117 VAC 50/60 Hz

CONSTRUCTION MATERIAL

Steel

WEIGHT AND DIMENSIONS

25 lbs.

18 1/2" H, 9 1/2" W, 1 1/2" D

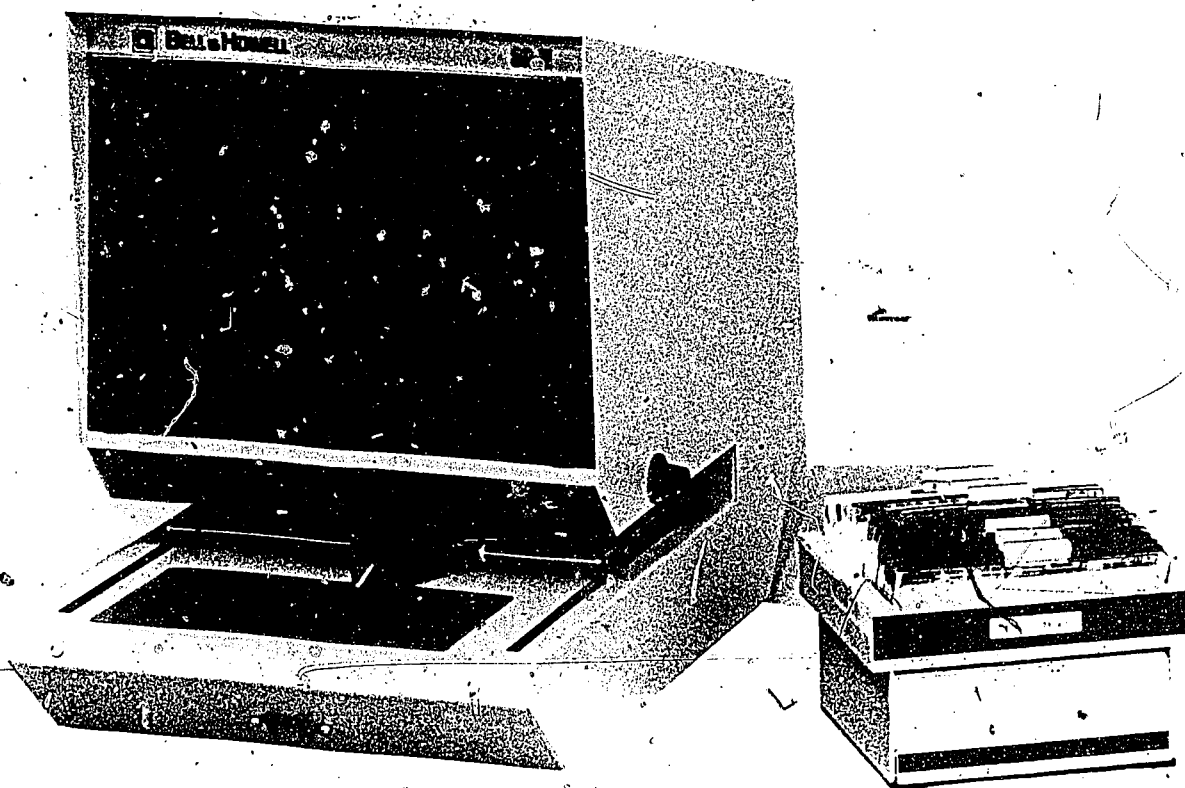
OTHER FEATURESVariable Light Control
UL Approved**ACCESSORIES**Floor Stand
Screen Hood Extension**WARRANTY PERIOD**90 Days Service
1 Year Parts**LIST PRICE**

\$159.00

GSA SCHEDULE

6% Discount

READER-PRINTER (If applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



BEIL & HOWELL COMPANY Model SR II

MANUFACTURER/DISTRIBUTOR

Bell & Howell Company

ADDRESS

6800 McCormick Road
Chicago, Illinois 60645

MODEL

SR II

LENSES AVAILABLE

18X, 24X, 32X, or 40X

FICHE SIZES ACCEPTED

4" x 6" or 4" x 7 3/8"
4" x 12" (Optional)

SCREEN SIZE

11" x 8 1/2"

SCREEN COLOR

Blue, Gray, or Green

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Single Fingertip Control

OPTICAL SYSTEM

Floating Lens
Maintains Constant Focus

RATED LAMP LIFE

500 Hours

POWER REQUIREMENT

117 VAC 50/60 Hz

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

24 lbs.

15" H, 12" W, 19" D

OTHER FEATURES

Automatic Opening Glass Flats
Variable Light Intensity
UL Approved

ACCESSORIES

Floor Stand, Reader Turntable,
Screen Hood Extension, Dual Lens
Capability

WARRANTY PERIOD

90 Days Service
1 Year Parts

LIST PRICE

Single Lens Model \$170.00
Dual Lens Model \$215.00

GSA SCHEDULE

6% Discount

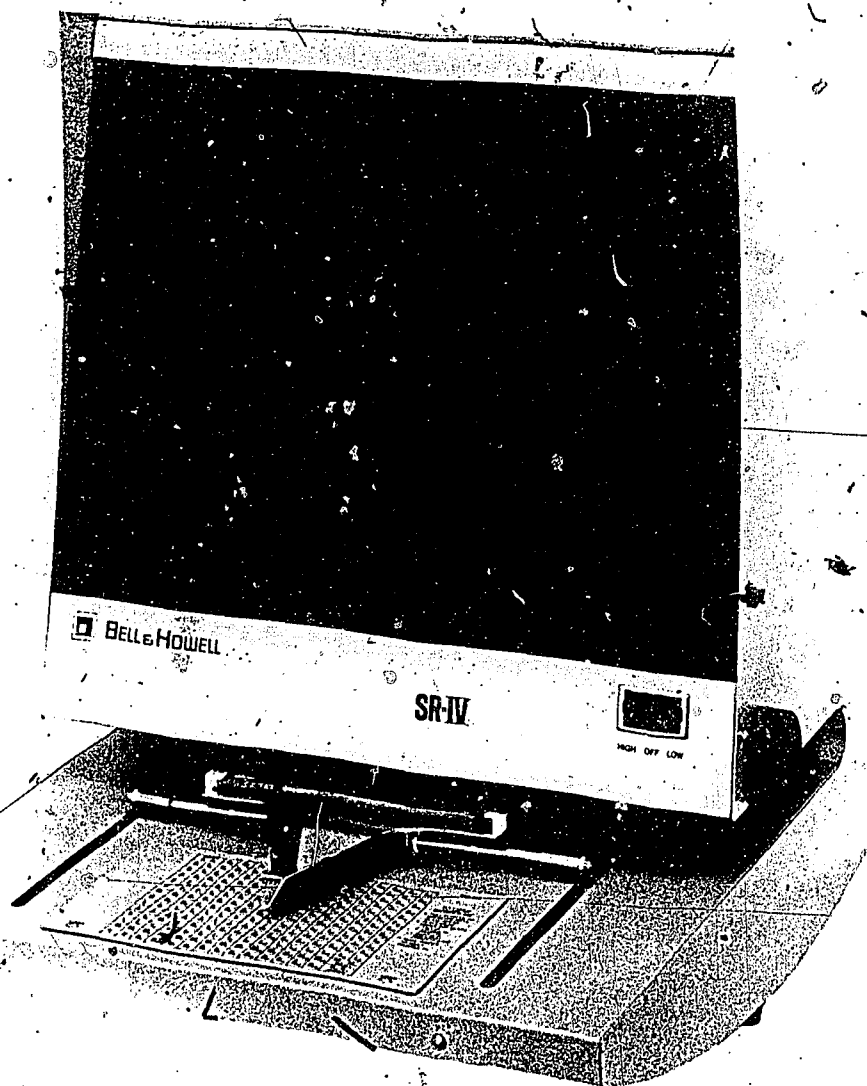
READER-PRINTER (if applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



BELL & HOWELL COMPANY Model SR IV

MANUFACTURER/DISTRIBUTOR

Bell & Howell Company

ADDRESS

6800 McCormick Road
Chicago, Illinois 60645

MODEL

SR IV

LENSES AVAILABLE

24X, 32X, 42X, or 50X

FICHE SIZES ACCEPTED

4" x 6" or 4" x 7 3/8"
4" x 12" (Optional)

SCREEN SIZE

15" x 11"

SCREEN COLOR

Blue, Gray, or Green

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Single Fingertip Control

OPTICAL SYSTEM

Floating Lens
Maintains Constant Focus

RATED LAMP LIFE

500 Hours

POWER REQUIREMENT

117 VAC 50/60 Hz

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

33 lbs.

19" H, 16 1/2" W, 25" D

OTHER FEATURES

Variable Light Intensity
Automatic Opening Glass Flats
UL Approved

ACCESSORIES

Floor Stand, Reader Turntable,
Screen Hood Extension

WARRANTY PERIOD

90 Days Service
1 Year Parts

LIST PRICE

\$265.00

GSA SCHEDULE

6% Discount

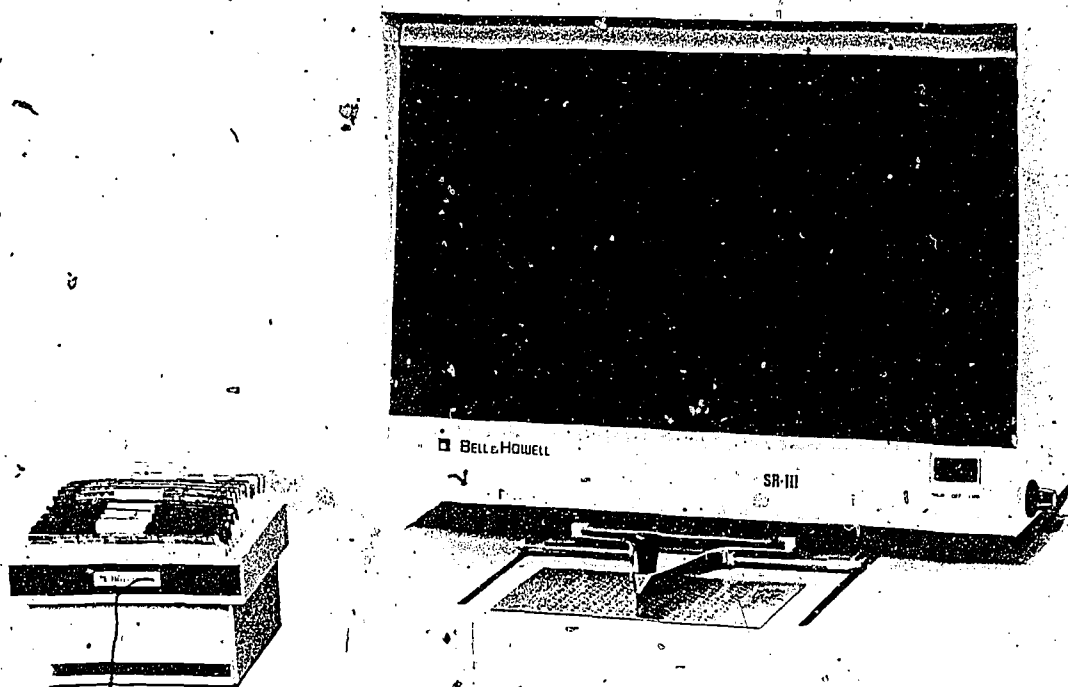
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



BELL & HOWELL COMPANY Model SR III

MANUFACTURER/DISTRIBUTOR

Bell & Howell Company

ADDRESS6800 McCormick Road
Chicago, Illinois 60645**MODEL**
SR III**LENSES AVAILABLE**

24X, 32X, 42X, or 50X

FICHE SIZES ACCEPTED4" x 6" or 4" x 7 3/8"
4" x 12" (Optional)**SCREEN SIZE**

19" x 11"

SCREEN COLOR

Blue, Gray, or Green

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Single Fingertip Control

OPTICAL SYSTEMFloating Lens
Maintains Constant Focus**RATED LAMP LIFE**

500 Hours

POWER REQUIREMENT

117 VAC 50/60 Hz

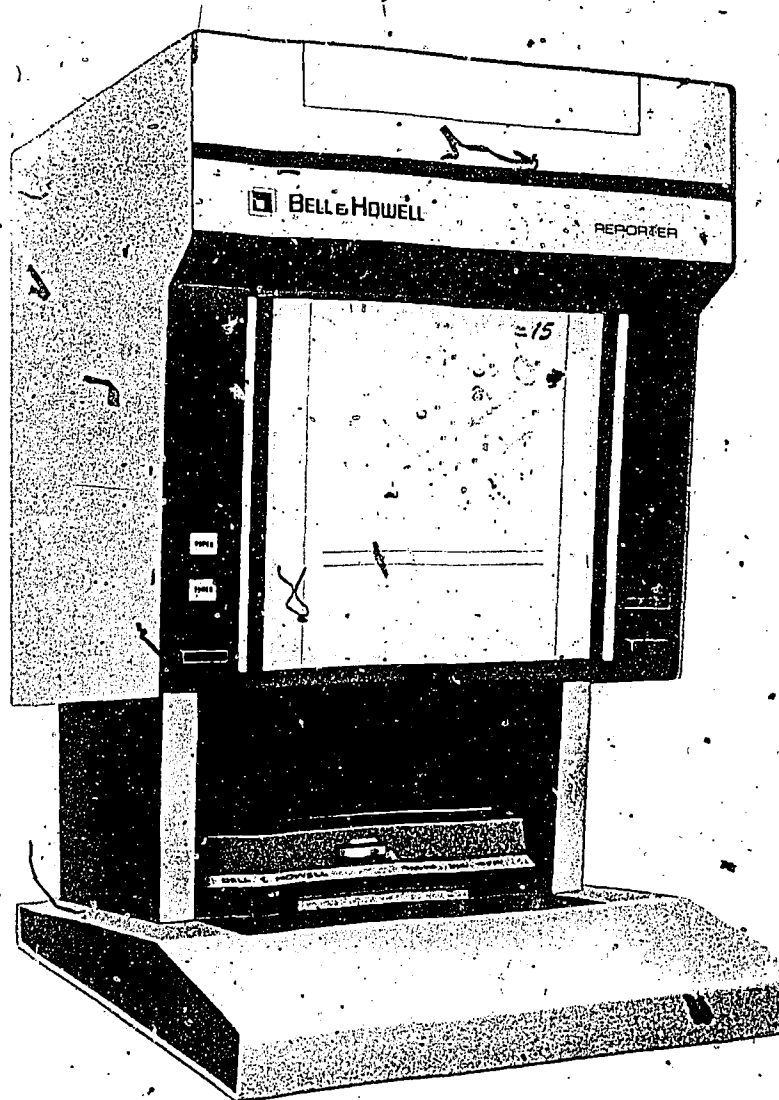
CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS35 lbs.
19" H, 19 3/4" W, 25" D**OTHER FEATURES**Variable Light Intensity,
Automatic Opening Glass Flats
UL Approved**ACCESSORIES**Floor Stand, Reader Turntable,
Screen Hood Extension, Dual
Lens Capability**WARRANTY PERIOD**90 Days Service
1 Year Parts**LIST PRICE**Single Lens Model \$325.00
Dual Lens Model \$385.00**GSA SCHEDULE**

6% Discount

READER-PRINTER (If applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



BELL & HOWELL COMPANY Reporter Reader-Printer

MANUFACTURER/DISTRIBUTOR

Bell & Howell Company

ADDRESS

6800 McCormick Road
Chicago, Illinois 60645

MODEL

Reporter Reader-Printer

LENSES AVAILABLE

16.5X, 18X, 21X, 24X, 32X, or
40X

FICHE SIZES ACCEPTED

Up to 6" x 6"

SCREEN SIZE

11" x 11"

SCREEN COLOR

Gray

SCREEN TYPE

Nonflare, Rear Projection

POSITIONING CONTROLS

Single Fingertip Control

OPTICAL SYSTEM

Easy Focus

RATED LAMP LIFE

500 Hours

POWER REQUIREMENT

117 VAC 60 Hz

CONSTRUCTION MATERIAL

Heavy Gauge Steel

WEIGHT AND DIMENSIONS

145 lbs.

29" H, 18" W, 25" D

OTHER FEATURES

Half Size Print, Self Opening
Glass Flats, Image Rotation
(32X Model)

ACCESSORIES

Lazy Susan, Floor Stand

WARRANTY PERIOD

90 Days Service

1 Year Parts

LIST PRICE

\$1,675.00 (18X, 21X, or 24X)
Other Lenses Slightly Higher

GSA SCHEDULE

6% Discount

READER-PRINTER (If applicable)

PROCESS

Dry, Electrophotographic

PRINT SPEED

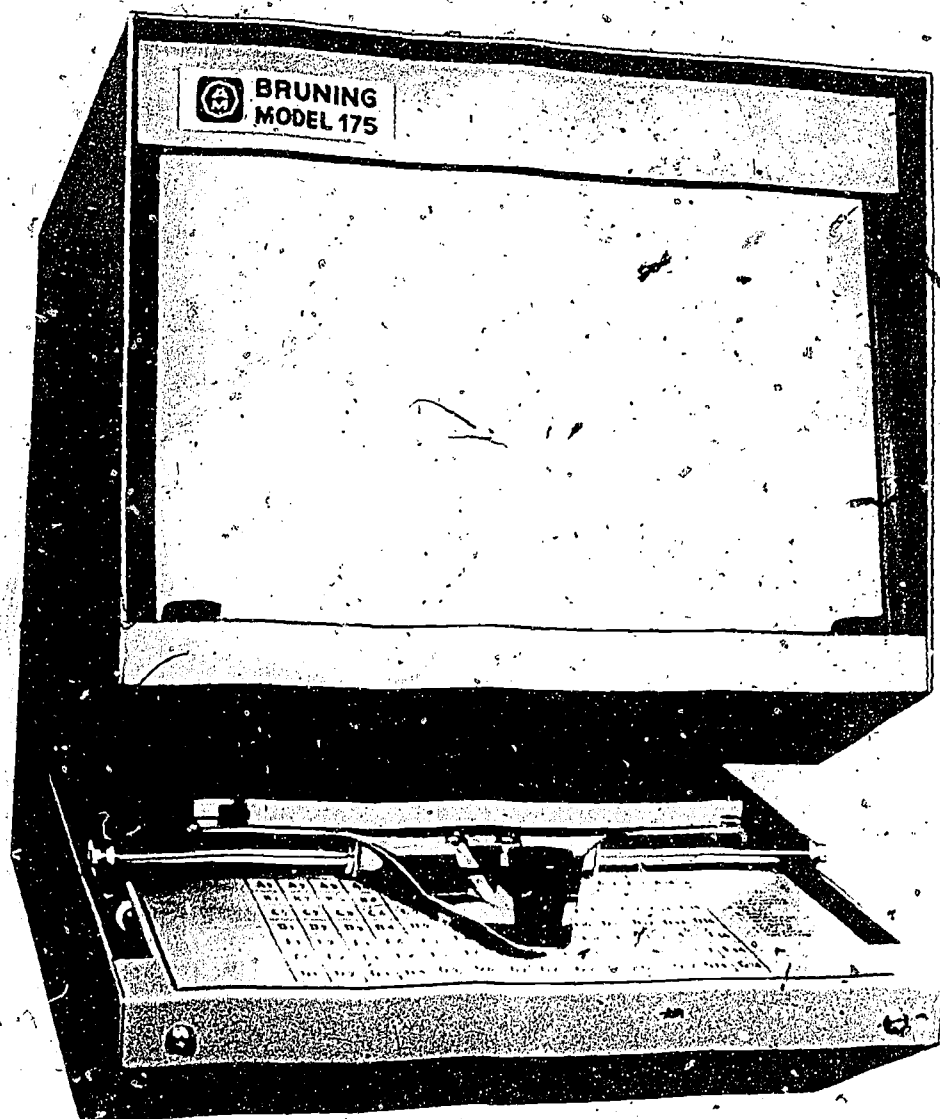
8 Seconds

PRINT SIZE

8 1/2" x 11" or 5 1/2" x 8 1/2"

PRINT COST

\$0.02 to \$0.05 per Copy



AM BRUNING Model 175 Microlite

MANUFACTURER/DISTRIBUTOR

AM Bruning

ADDRESS1834 Walden Office Square
Schaumburg, Illinois 60172**MODEL**AM Bruning 175 Microlite
(Other Models Available)**WEIGHT AND DIMENSIONS**18 lbs.
13" H, 9 1/2" W, 13 1/4" D**LENSES AVAILABLE**

18X, 24X, 32X, 40X, or 48X

OTHER FEATURES

Various Grids Available

FICHE SIZES ACCEPTED

105mm x 148mm

ACCESSORIESScreen Hood Extension
Turntable
Dust Cover**SCREEN SIZE**

8 1/2" x 5 1/2"

WARRANTY PERIOD

6 Months

SCREEN COLOR

Gray

LIST PRICE

\$125.00

SCREEN TYPE

Nonglare, Rear Projection

GSA SCHEDULE

N/A

POSITIONING CONTROLSFingertip Selector
X-Y Index**READER-PRINTER (If applicable)****OPTICAL SYSTEM**12 Volt Auto Lamp
Floating Lens**PROCESS****RATED LAMP LIFE**

250 Hours

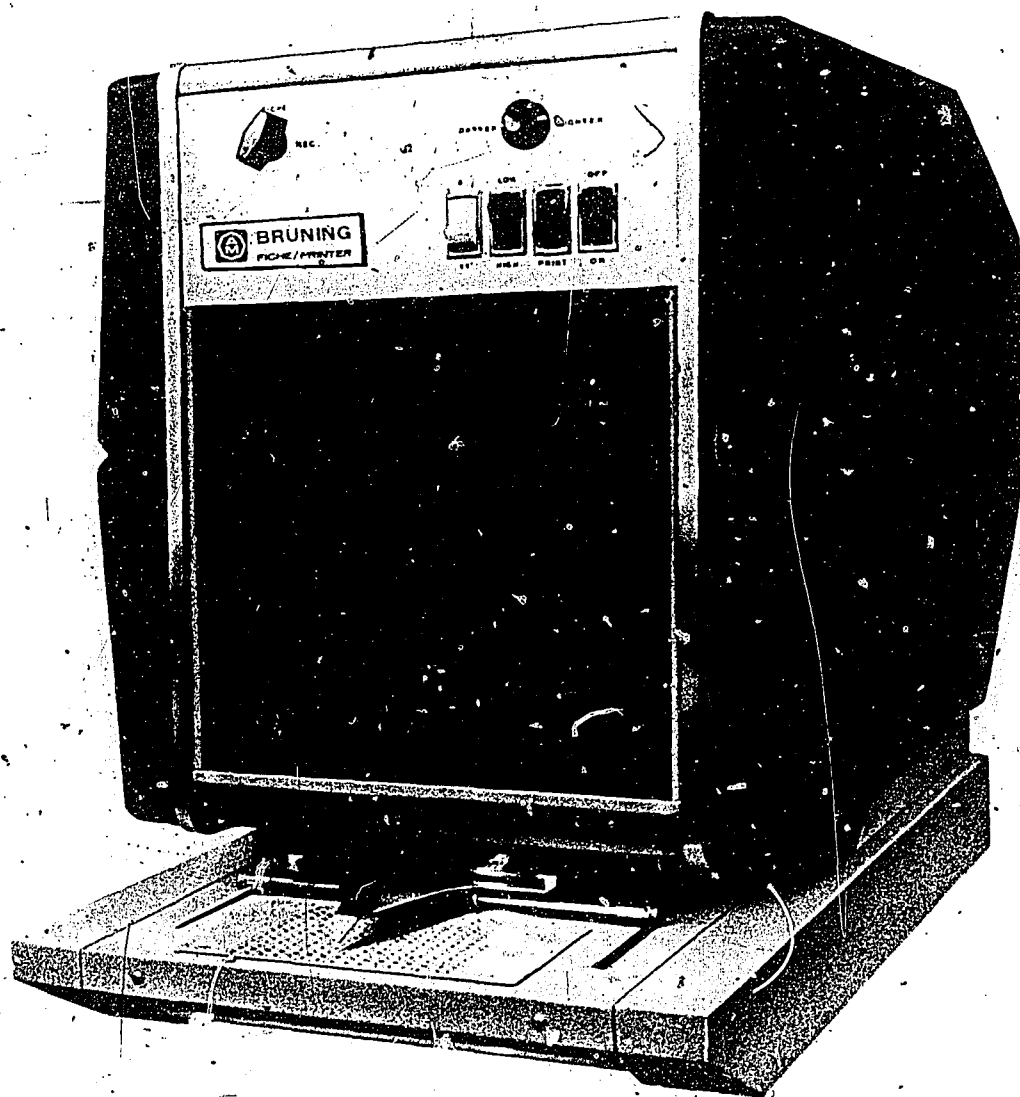
PRINT SPEED**POWER REQUIREMENT**

110-120 VAC 50/60 Hz

PRINT SIZE**CONSTRUCTION MATERIAL**

Steel and Aluminum

PRINT COST



AM BRUNING Model 550 Reader/Printer

MANUFACTURER/DISTRIBUTOR

AM Bruning

ADDRESS

1834 Walden Office Square
Schaumburg, Illinois 60172

MODEL

AM Bruning 550 Reader/Printer

LENSES AVAILABLE

18X, 24X, 32X, or 42X

FICHE SIZES ACCEPTED

Up to 105mm x 148mm

SCREEN SIZE

11" x 11"

SCREEN COLOR

Blue, Gray, or Green

SCREEN TYPE

Rear Projection

POSITIONING CONTROLS

Fingertip
Grid Selector

OPTICAL SYSTEM

Floating Lens

RATED LAMP LIFE

125 Hours (High Brightness)
500-1000 Hours (Low Brightness)

POWER REQUIREMENT

110-120 VAC
(220 VAC Available)

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

70 lbs.
23" H, 15" W, 28" D

OTHER FEATURES

Prints From Either Polarity
High-Low Lamp Control

ACCESSORIES

None

WARRANTY PERIOD

6 Months

LIST PRICE

\$875.00

GSA SCHEDULE

N/A

READER-PRINTER (If applicable)

PROCESS

Electrostatic

PRINT SPEED

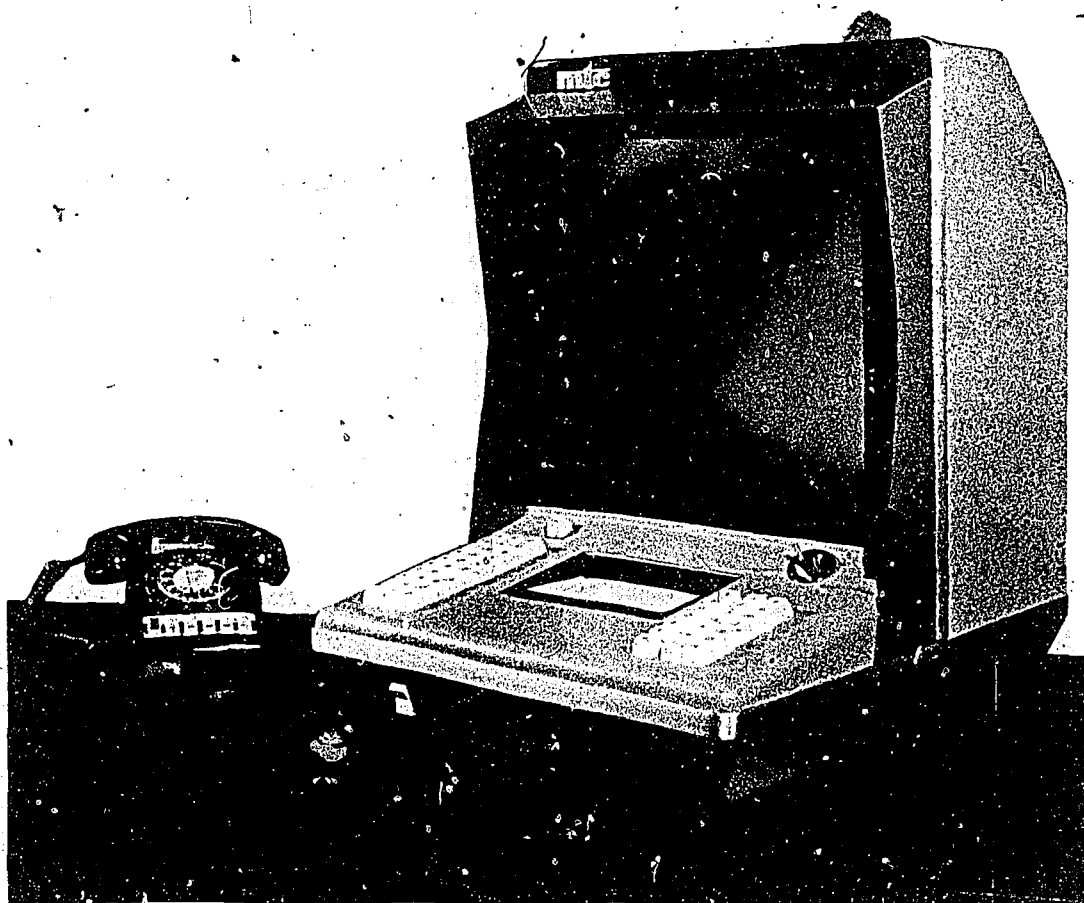
8 Seconds

PRINT SIZE

6 Sizes, Up to 11" x 11"

PRINT COST

- -



AM BRUNING Model 95 Retrieval/Reader

MANUFACTURER/DISTRIBUTOR

AM Bruning

ADDRESS

1834 Walden Office Square
Schaumburg, Illinois 60172

MODEL

AM Bruning 95 Retrieval/Reader

LENSES AVAILABLE

20X, 24X, 27X, 42X, or 48X

FICHE SIZES ACCEPTED

Thirty 105mm x 148mm Fiche Per
Cartridge

SCREEN SIZE

14" x 14"

SCREEN COLOR

Neutral

SCREEN TYPE

Rear Projection

POSITIONING CONTROLS

Automatic Pushbutton

OPTICAL SYSTEM

100 Watt Tungsten Lamp

RATED LAMP LIFE

Not Available

POWER REQUIREMENT

115 VAC

CONSTRUCTION MATERIAL

High-Impact Plastic and Metal

WEIGHT AND DIMENSIONS

75 lbs.

20" H, 18" W, 24" D

OTHER FEATURES

No Notching or Coding Required
3-Second Retrieval

ACCESSORIES

Cartridges

WARRANTY PERIOD

90 Days (Parts Only)

LIST PRICE

\$2,475.00 - \$2,995.00

GSA SCHEDULE

N/A

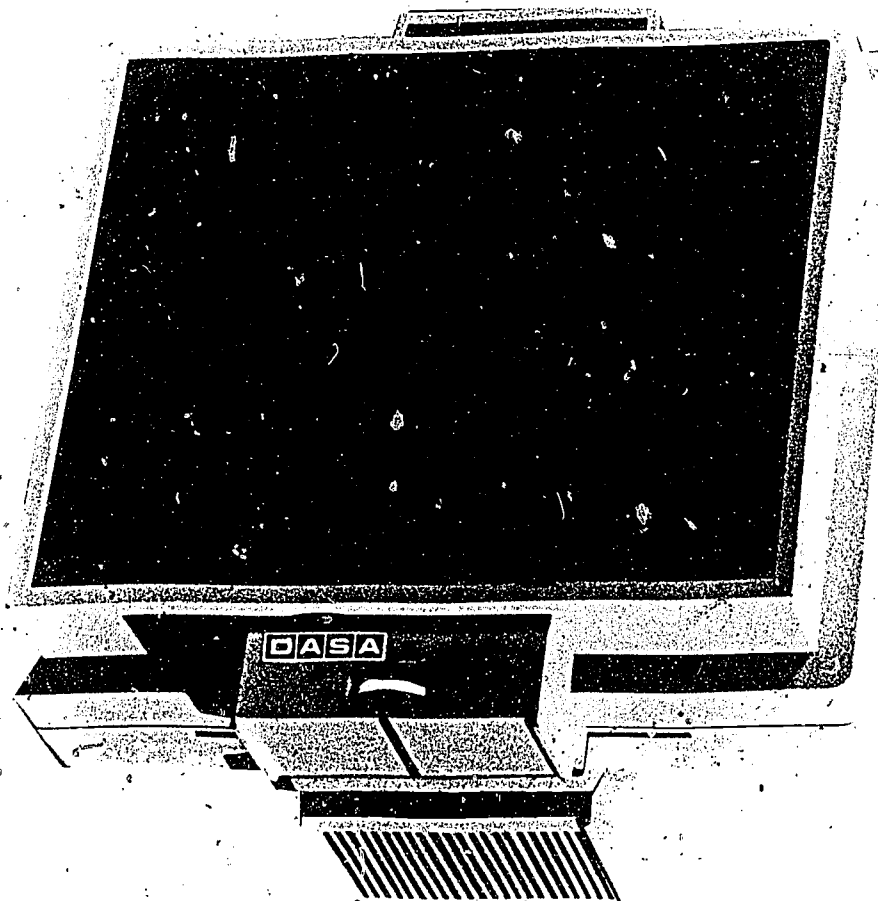
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



DASA CORPORATION PMR/50

MANUFACTURER/DISTRIBUTOR

DASA Corporation

ADDRESS

15 Stevens Street
Andover, Massachusetts 01810

MODEL

PMR/50

LENSES AVAILABLE

20X or 24X

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

8 1/2" x 11"

SCREEN COLOR

Beige

SCREEN TYPE

Plastic, Rear Projection

POSITIONING CONTROLS

Manual with Indexer

OPTICAL SYSTEM

Tungsten Lamp
GE-1195

RATED LAMP LIFE

Not Available

POWER REQUIREMENT

110 VAC 20 Watts

CONSTRUCTION MATERIAL

Plastic

WEIGHT AND DIMENSIONS

7 1/2 lbs.

13" H, 13" W, 7 3/4" D

OTHER FEATURES

Portable

ACCESSORIES

Cover

Carrying Case

WARRANTY PERIOD

90 Days

LIST PRICE

20X - \$109.50

24X - \$119.50

GSA SCHEDULE

20X - \$84.13

24X - \$94.13

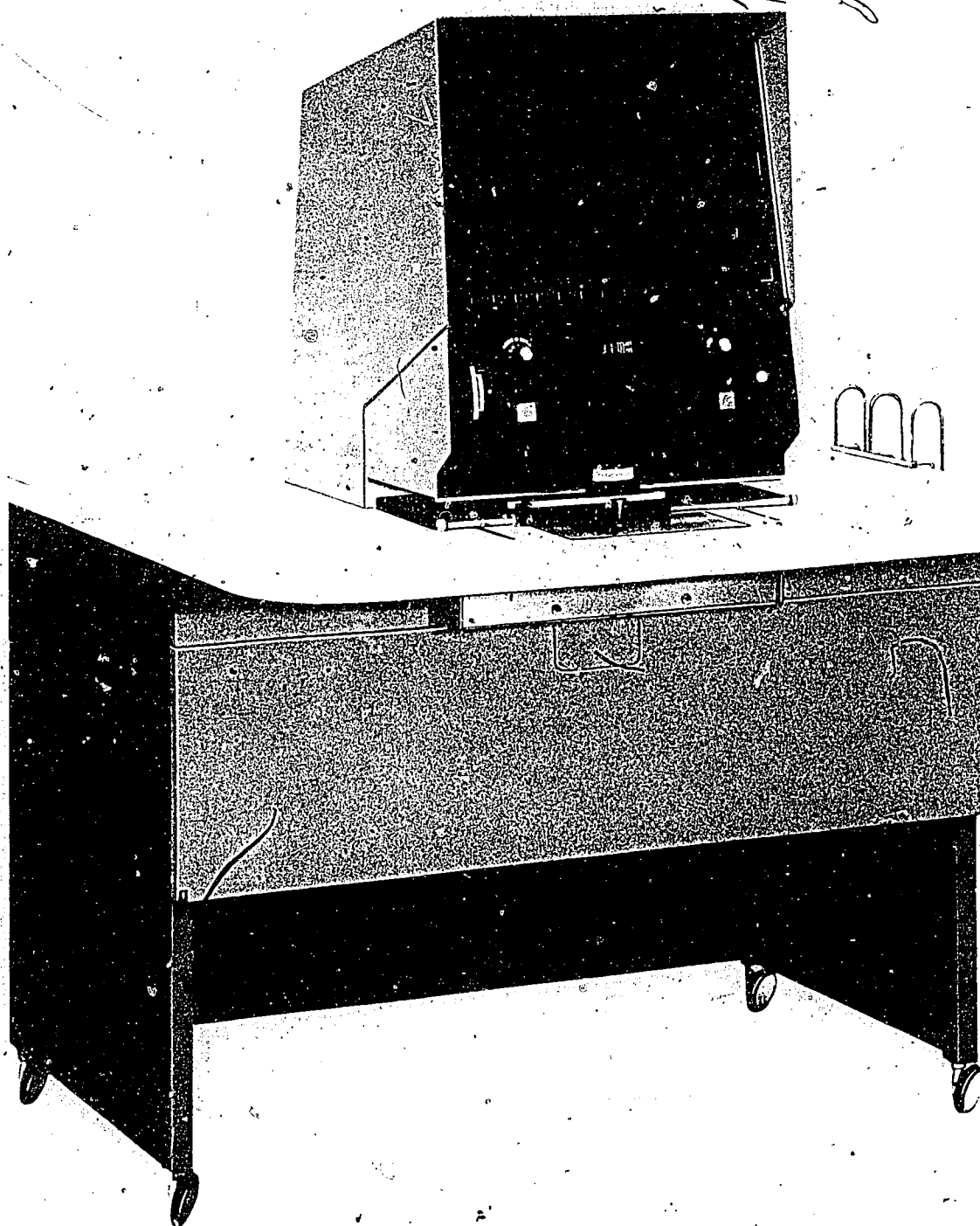
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



A. B. DICK COMPANY Model 810 Microfiche Reader-Printer.

MANUFACTURER/DISTRIBUTOR

A. E. Dick Company

ADDRESS

5700 W. Touhy Avenue
Chicago, Illinois 60648

MODEL

810 Microfiche Reader-Printer

LENSES AVAILABLE

17.3X, 20.7X, 36.3X, and 41.5X

FICHE SIZES ACCEPTED

Interchangeable Carriers Accept
4" x 6" to 4" x 12" or 4" x 6" to
6" x 8"

SCREEN SIZE

11 1/2" x 15 1/2"

SCREEN COLOR

Neutral Gray

SCREEN TYPE

Nonglare

POSITIONING CONTROLS

Manual Glass Flats

OPTICAL SYSTEM

Rear Projection

RATED LAMP LIFE

100 Hours

POWER REQUIREMENT

115 VAC 60 Hz 3 Amp

CONSTRUCTION MATERIAL

Steel and Formica Table Top

WEIGHT AND DIMENSIONS

320 lbs.

50" H, 38" W, 33" D

OTHER FEATURES

Variable Copy Cut-Off

Multiple Copy Counter

ACCESSORIES

Receiving Tray, Receiving Rack

WARRANTY PERIOD

1 Year

LIST PRICE

\$2,350.00

GSA SCHEDULE

\$2,210.00

READER-PRINTER (If applicable)

PROCESS

Electrofax

PRINT SPEED

1st Copy - 10 Seconds

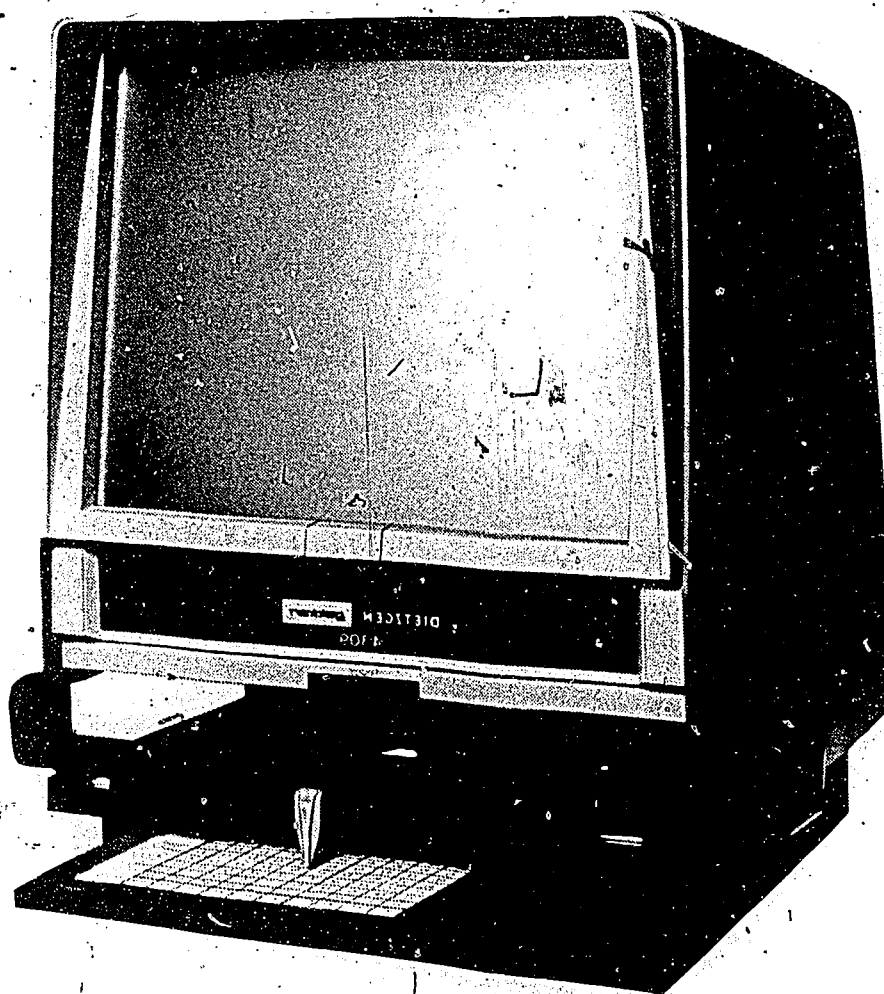
Multiple Copies - 12 per Minute

PRINT SIZE

3" x 5 1/2" to 10" x 15"

PRINT COST

\$0.02 - \$0.04



DIETZGEN CORPORATION Model 4309

MANUFACTURER/DISTRIBUTOR
Dietzgen Corporation

ADDRESS
2425 Sheffield Avenue
Chicago, Illinois 60614

MODEL
4309

LENSES AVAILABLE
24X, 32X, 42X or 48X
(80% Blowback)

FICHE SIZES ACCEPTED
105mm x 148mm
(Carrier 4" x 7 3/8")

SCREEN SIZE
11 5/8" x 9 1/4"

SCREEN COLOR
Green

SCREEN TYPE
Nonglare, Rear Projection

POSITIONING CONTROLS
Bar with X-Y Indexing

OPTICAL SYSTEM
250 Watt Quartz Halogen Lamp

RATED LAMP LIFE
300 Hours

POWER REQUIREMENT
117 VAC 50/60 Hz
220 VAC (Optional)

CONSTRUCTION MATERIAL
High-Impact Plastic

WEIGHT AND DIMENSIONS
17 lbs.
19 5/8" H, 17" W, 15" D

OTHER FEATURES
Constant Focus
Fan Cooled

ACCESSORIES
None

WARRANTY PERIOD
90 Days

LIST PRICE
\$139.00

GSA SCHEDULE
N/A

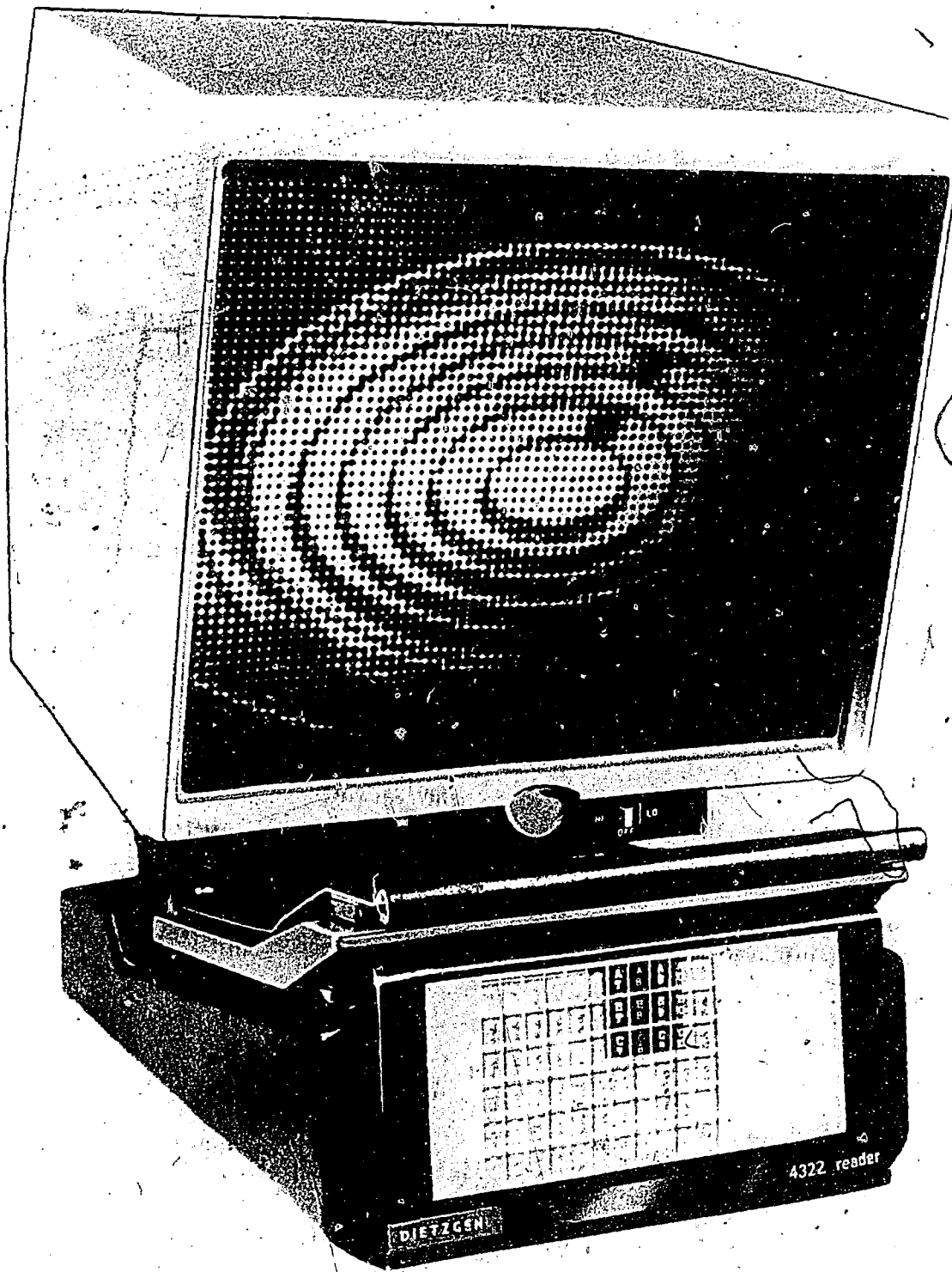
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



DIETZGEN CORPORATION Model 4322

MANUFACTURER/DISTRIBUTOR

Dietzgen Corporation

ADDRESS

2425 Sheffield Avenue
Chicago, Illinois 60614

MODEL

Modular Microform Reader
Models 4322, 4323 and 4324

LENSES AVAILABLE

20X, 25X, 38X, 42X or 49X

FICHE SIZES ACCEPTED

Up to 4" x 7 3/8"
(105mm x 187.3mm)

SCREEN SIZE

Model 4322 - 12" x 12"
Model 4323 - 15" x 12"
Model 4324 - 19" x 12"

SCREEN COLOR

Gray

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Counterbalanced Carrier with
Omni-Vision Index

OPTICAL SYSTEM

Quartz Halogen Lamp
Floating Lens

RATED LAMP LIFE

High Control - 750 Hours
Low Control - 1500 Hours

POWER REQUIREMENT

115 VAC 60 Hz, 230 Watts

CONSTRUCTION MATERIAL

Metal and Plastic

WEIGHT AND DIMENSIONS

40-50 lbs.
23" H, 13" W, 15" D

OTHER FEATURES

Self-Opening Flats
Fan Cooled

ACCESSORIES

None

WARRANTY PERIOD

90 Days

LIST PRICE

Model 4322: \$295.00
Model 4323: \$355.00
Model 4324: \$410.00

GSA SCHEDULE

Model 4322: \$250.75
Model 4323: \$301.75
Model 4324: \$348.50

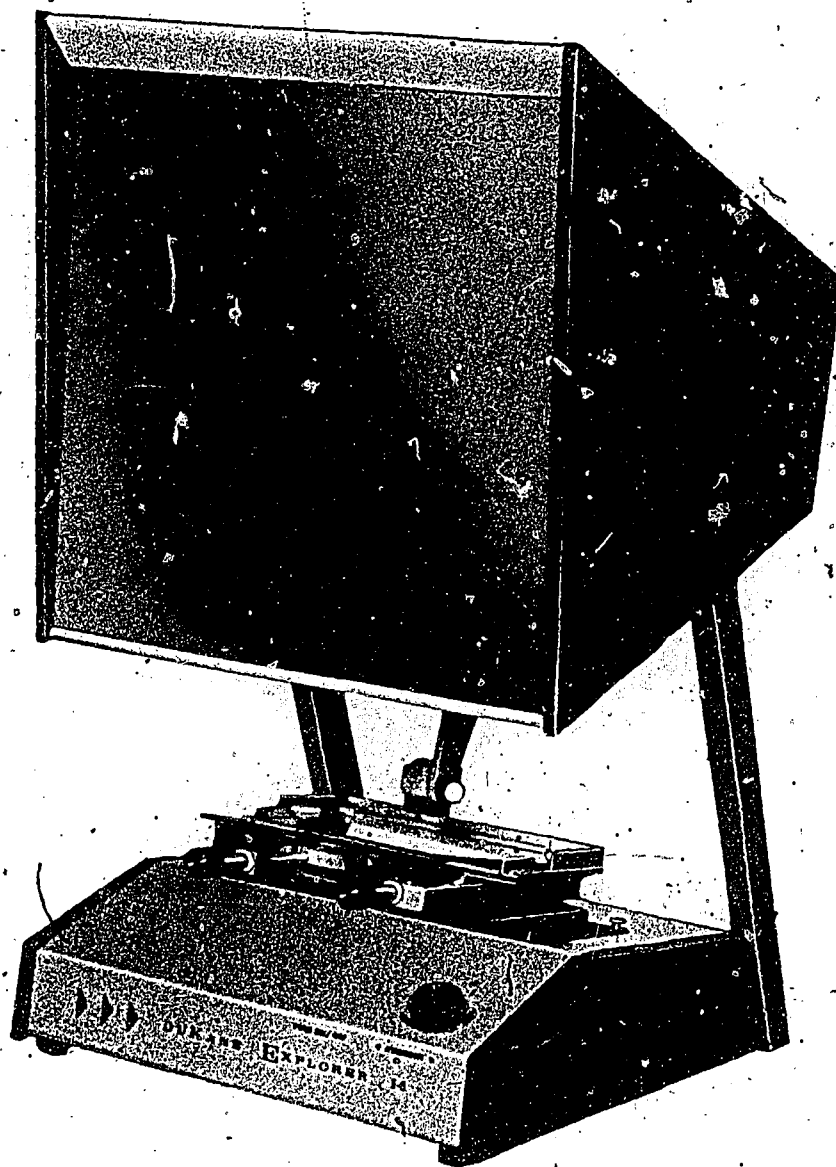
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



DUKANE CORPORATION Model 27A25B

MANUFACTURER/DISTRIBUTOR

Dukane Corporation
Special Products Division

ADDRESS

2900 Dukane Drive
St. Charles, Illinois 60174

MODEL

27A25R

LENSES AVAILABLE

15X, 18X, 24X, or
27X

FICHE SIZES ACCEPTED

Up to 4" x 6"

SCREEN SIZE

14" x 14"

SCREEN COLOR

Gray

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

X-Y Axis Knobs

OPTICAL SYSTEM

Quartz Halogen Lamp
(Fan Cooled)

RATED LAMP LIFE

1000 Hours

POWER REQUIREMENT

120 VAC 50-60 Hz or
240 VAC 50 Hz

CONSTRUCTION MATERIAL

Metal and Wood

WEIGHT AND DIMENSIONS

45 lbs.

26" H, 14 3/4" W, 18" D

OTHER FEATURES

90 Degree Rotation
Variable Light Intensity Control
UL Listed

ACCESSORIES

99A500C, 35mm and 16mm Roll
Film Adaptor
99A545 Fiche Adaptor

WARRANTY PERIOD

1 Year

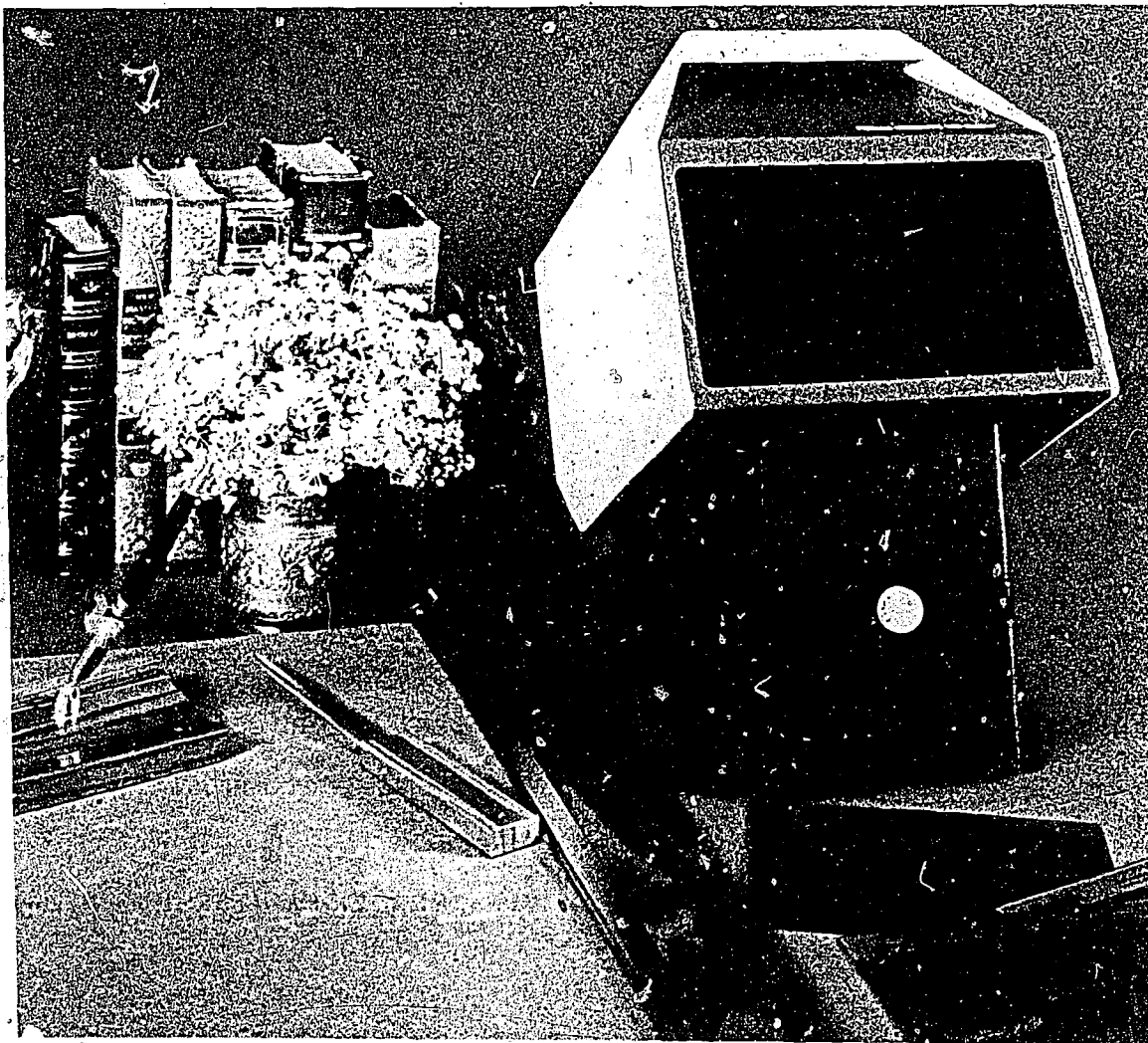
LIST PRICE

\$372.50 to \$417.50
(Fiche Adaptor - \$65 Extra)

GSA SCHEDULE

GS-00S-12880

READER-PRINTER (If applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



EASTMAN KODAK COMPANY Ektalite 120

MANUFACTURER/DISTRIBUTOR

Eastman Kodak Company
Business Systems Markets Division

ADDRESS

343 State Street
Rochester, New York 14650

MODEL

Ektalite 120 Reader
Ektalite 140 Reader

LENSES AVAILABLE

Model 120 - 20X
Model 140 - 40X

FICHE SIZES ACCEPTED

4 1/8" Wide x any length more than 3"

SCREEN SIZE

5 3/4" x 7 3/4"

SCREEN COLOR

Neutral

SCREEN TYPE

Front Projection

POSITIONING CONTROLS

Slide Carriage for Row Positioning
and Rotating Knob for Column
Positioning

OPTICAL SYSTEM

12V Lamp (Automobile Type)

RATED LAMP LIFE

250 Hours

POWER REQUIREMENT

120 VAC 50/60 Hz
(12V with Adapter)

CONSTRUCTION MATERIAL

High-Impact Plastic

WEIGHT AND DIMENSIONS

6 lbs.
13" H, 8 3/8" W, 10 3/4" D

OTHER FEATURES

Built-In Line Finder
Ambient Light Filter

ACCESSORIES

12V DC Adapter Cord
Carrying Case

WARRANTY PERIOD

3 Months (Commercial)
12 Months (GSA)

LIST PRICE

Model 120: \$99.95
Model 140: \$114.95

GSA SCHEDULE

Model 120: \$93.95
Model 140: \$108.05

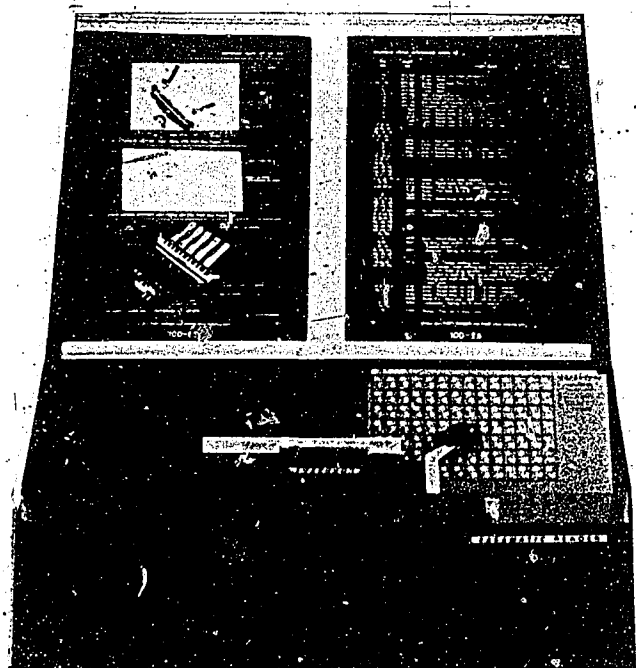
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



EASTMAN KODAK COMPANY Recordak Easamatic Model PFCD

MANUFACTURER/DISTRIBUTOR
Eastman Kodak Company
Business Systems Markets Division

ADDRESS
343 State Street
Rochester, New York 14650

MODEL

Recordak Easamatic Model PFCD

LENSES AVAILABLE

18.5X, 21.5X, 23X, 25.5X, or 31X

FICHE SIZES ACCEPTED

4" x 6" and 3 1/4" x 7 3/8"

SCREEN SIZE

16 1/4" x 11"

SCREEN COLOR

Neutral

SCREEN TYPE

Rear Projection

POSITIONING CONTROLS

Pointer Knob and Index Grid

OPTICAL SYSTEM

RATED LAMP LIFE

Not Available

POWER REQUIREMENT

120 VAC 50/60 Hz

CONSTRUCTION MATERIAL

High-Impact Plastic and Metal

WEIGHT AND DIMENSIONS

20 lbs.
19" H, 19" W, 21" D

OTHER FEATURES

Interchangeable Index Grid Cards

ACCESSORIES

Reader Base (To Alter Screen Angle)

WARRANTY PERIOD

3 Months (Commercial)
12 Months (GSA)

LIST PRICE

\$220.00
\$245.00 (31X Model)

GSA SCHEDULE

\$206.80
\$230.30 (31X Model)

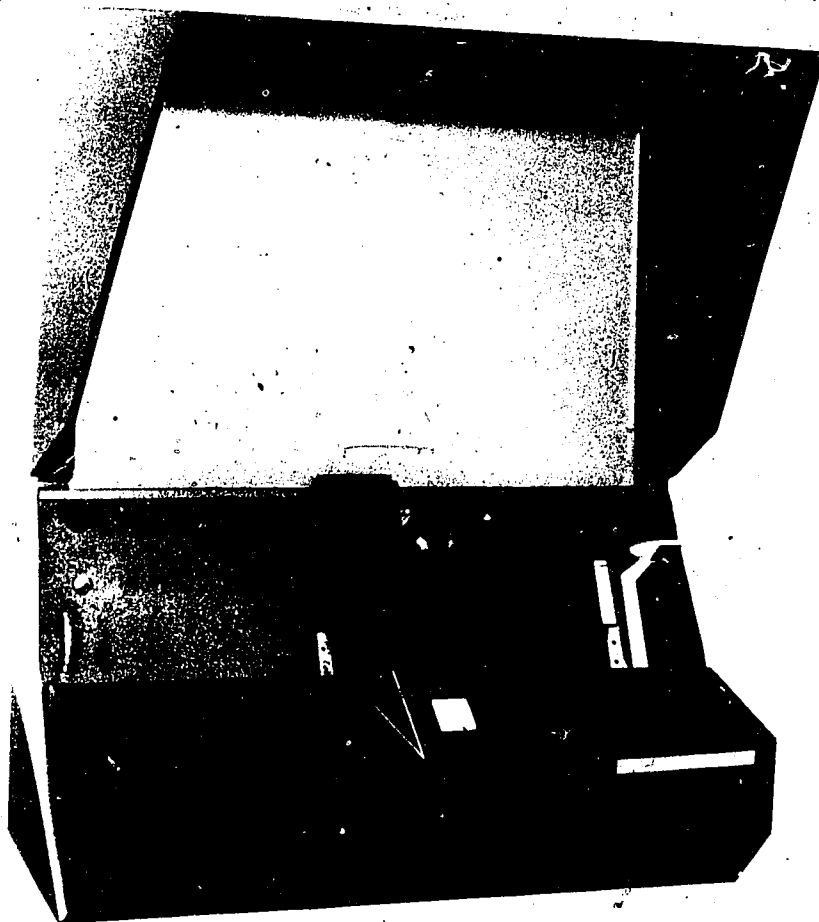
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



EASTMAN KODAK COMPANY Easamatic 40 Reader

MANUFACTURER/DISTRIBUTOR
Eastman Kodak Company
Business Systems Markets Division

ADDRESS
343 State Street
Rochester, New York 14650

MODEL

Easamatic 40 Reader

WEIGHT AND DIMENSIONS

24 lbs.
21" H, 19" W, 21" D

LENSES AVAILABLE

40X

OTHER FEATURES

Interchangeable Index Grid Cards

FICHE SIZES ACCEPTED

4" x 6" and 3 1/4" x 7 3/8"

ACCESSORIES

Reader Base (To Alter Screen Angle)

SCREEN SIZE

15 1/4" x 10 1/2"

WARRANTY PERIOD

3 Months (Commercial)
12 Months (GSA)

SCREEN COLOR

Neutral

LIST PRICE

\$265.00

SCREEN TYPE

Rear Projection

GSA SCHEDULE

\$249.10

POSITIONING CONTROLS

Pointer Knob and Index Grid

READER-PRINTER (If applicable)

OPTICAL SYSTEM

--

PROCESS

RATED LAMP LIFE

Not Available

PRINT SPEED

POWER REQUIREMENT

120 VAC 50/60 Hz

PRINT SIZE

CONSTRUCTION MATERIAL

High-Impact Plastic and Metal

PRINT COST



EASTMAN KODAK COMPANY Recordak Model PK-1013

MANUFACTURER/DISTRIBUTOR
Eastman Kodak Company
Business Systems Markets Division

ADDRESS
343 State Street
Rochester, New York 14650

MODEL

Recordak Model PK-1013

LENSES AVAILABLE

18X or 23X

FICHE SIZES ACCEPTED

5 3/16" x 8"

SCREEN SIZE

10 1/2" x 13 1/4"

SCREEN COLOR

Green-Tinted

SCREEN TYPE

Rear Projection

POSITIONING CONTROLS

Single Knob for Row or
Column Positioning

OPTICAL SYSTEM

--

RATED LAMP LIFE

Not Available

POWER REQUIREMENT

115 VAC 50/60 Hz

CONSTRUCTION MATERIAL

Metal and Plastic

WEIGHT AND DIMENSIONS

39 lbs.

27" H, 13 1/2" W, 18 1/2" D

OTHER FEATURES

360° Image Rotation

ACCESSORIES

None

WARRANTY PERIOD

3 Months (Commercial)

12 Months (GSA)

LIST PRICE

\$540.00

GSA SCHEDULE

\$423.00

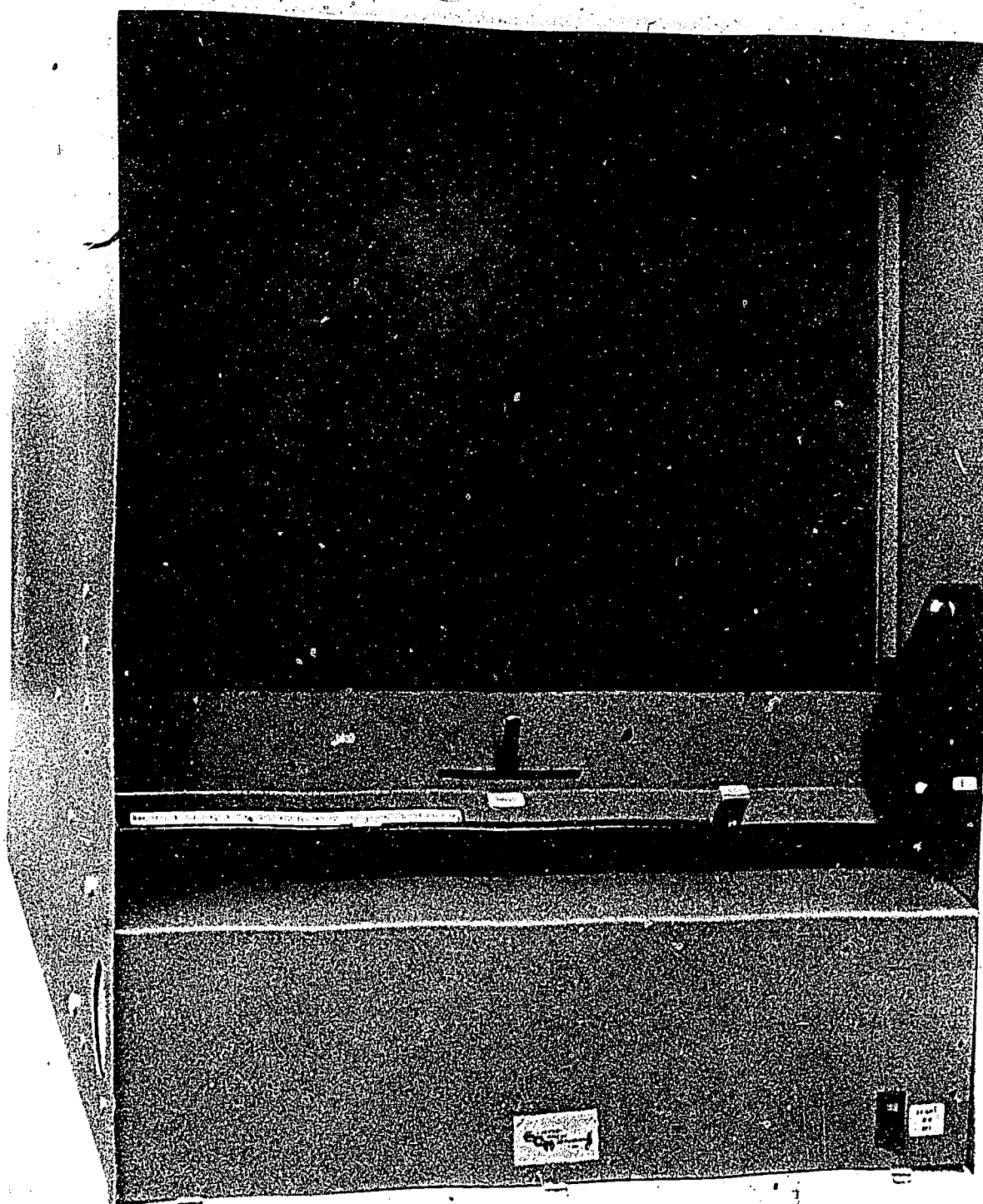
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



ELECTRO-OPTICAL MECHANISMS, INC. Model E417

MANUFACTURER/DISTRIBUTOR
Electro-Optical Mechanisms, Inc.

ADDRESS
2865 Metropolitan Place
Pomona, California 91767

MODEL
E417

LENSES AVAILABLE
24X or 48X

FICHE SIZES ACCEPTED
105mm x 148mm

SCREEN SIZE
14" x 11"

SCREEN COLOR
Gray

SCREEN TYPE
Nonglare, Rear Projection

POSITIONING CONTROLS
Fingertip Guided Indexing
With X-Y Indicator

OPTICAL SYSTEM
High Resolution
Easy Focus

RATED LAMP LIFE
500 Hours

POWER REQUIREMENT
175 Watts (Max.)
115/230 VAC 50/60 Hz

CONSTRUCTION MATERIAL
Metal Housing

WEIGHT AND DIMENSIONS
35 lbs.
21" H, 15" W, 26" D

OTHER FEATURES
Variable Light Control
Automatic Opening Glass Plats

ACCESSORIES
None

WARRANTY PERIOD
180 Days
(Expendables not Included)

LIST PRICE
Not Available

GSA SCHEDULE
N/A

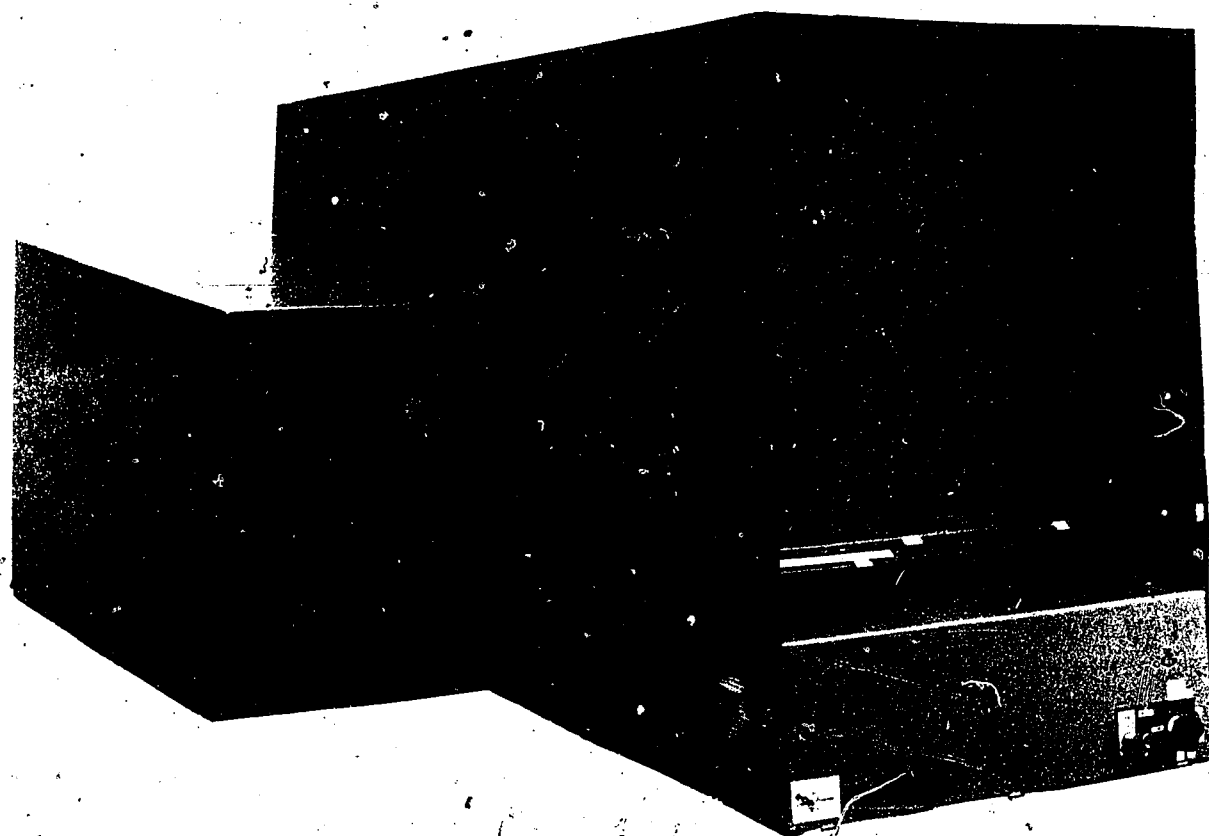
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



ELECTRO-OPTICAL MECHANISMS, INC. Model E416 Viewer/Printer

MANUFACTURER/DISTRIBUTOR
Electro-Optical Mechanisms, Inc.

ADDRESS
2865 Metropolitan Place
Pomona, California 91767

MODEL
M416 Viewer/Printer

WEIGHT AND DIMENSIONS
120 lbs.
21" H, 31" W, 27" D

LENSES AVAILABLE
24X or 48X

OTHER FEATURES
Modularly Separable
Variable Light Control
Automatic Opening Glass Plats

FIGHE SIZES ACCEPTED
105mm x 148mm

ACCESSORIES
None

SCREEN SIZE
14" x 11"

WARRANTY PERIOD
180 Days
(Expendables not included)

SCREEN COLOR
Gray

LIST PRICE
Not Available

SCREEN TYPE
Nonglare, Rear Projection

GSA SCHEDULE
N/A

POSITIONING CONTROLS
Fingertip Guided Indexing

READER-PRINTER (If applicable)

OPTICAL SYSTEM
High Resolution
Easy Focus

PROCESS
Electroconductive

RATED LAMP LIFE
500 Hours

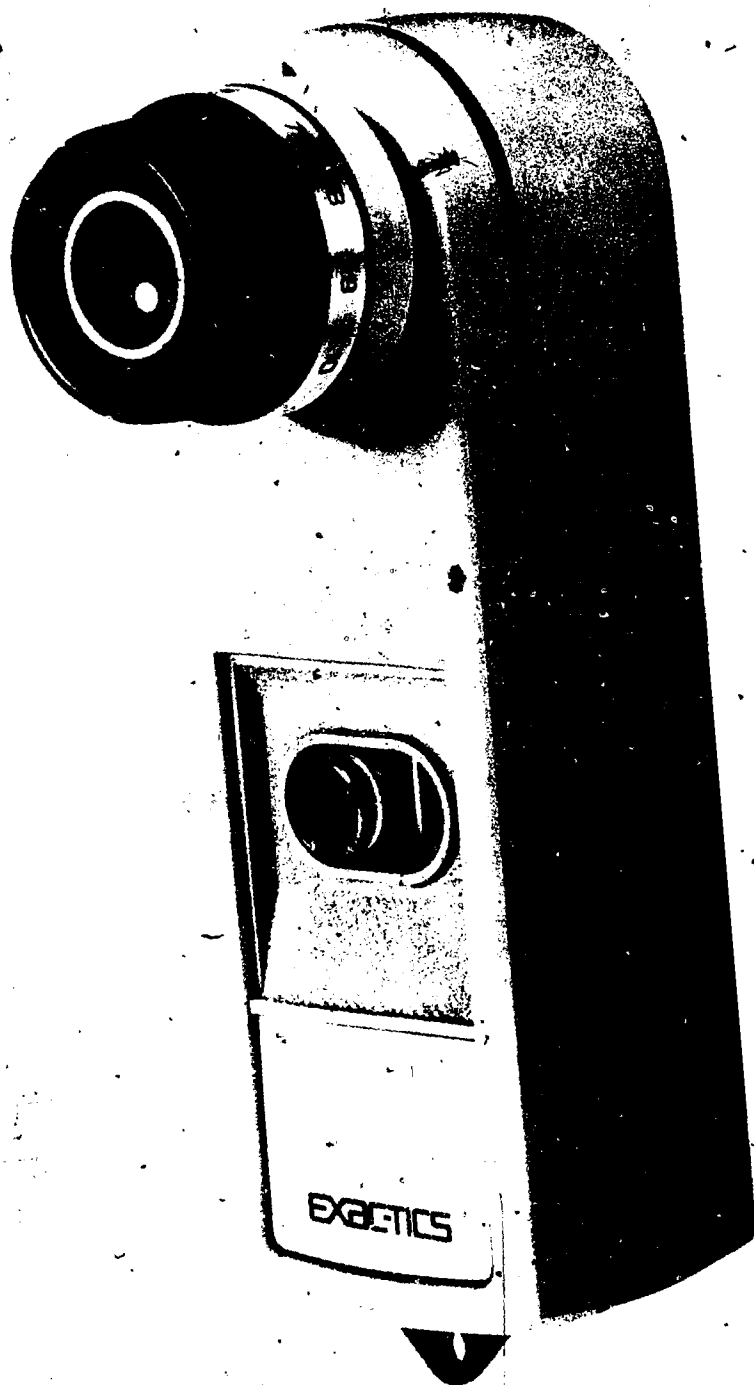
PRINT SPEED
8 Seconds

POWER REQUIREMENT
800 Watts
115/230 VAC 50/60 Hz

PRINT SIZE
8 1/2" x 11"

CONSTRUCTION MATERIAL
Metal Housing

PRINT COST
\$0.035



EXAC-TICS CORPORATION Model HV 101 (Hand Viewer)

MANUFACTURER/DISTRIBUTOR
EXAC-TICS Corporation

ADDRESS

Axe Wood West, Suite 305
Butler & Skippack Pikes
Ambler, Pennsylvania 19002

MODEL

HV 101 (Hand Viewer)

LENSES AVAILABLE

5X, 10X, or 13X

FICHE SIZES ACCEPTED

105mm x 148mm or Aperture Cards

SCREEN SIZE

N/A

SCREEN COLOR

N/A

SCREEN TYPE

N/A

POSITIONING CONTROLS

N/A

OPTICAL SYSTEM

Color Corrected Coated Glass Lenses

RATED LAMP LIFE

30 Hours

POWER REQUIREMENT

3 "C" Size Batteries or Optional
AC/DC Converter

CONSTRUCTION MATERIAL

ABS Plastic

WEIGHT AND DIMENSIONS

16 ozs.

8" H, 1 3/4" W, 1 1/2" D

OTHER FEATURES

Internal Light Source,
Interchangeable Lenses

ACCESSORIES

AC/DC Converter

WARRANTY PERIOD

90 Days

LIST PRICE

\$80.00

Quantity Discounts Available

GSA SCHEDULE

Pending

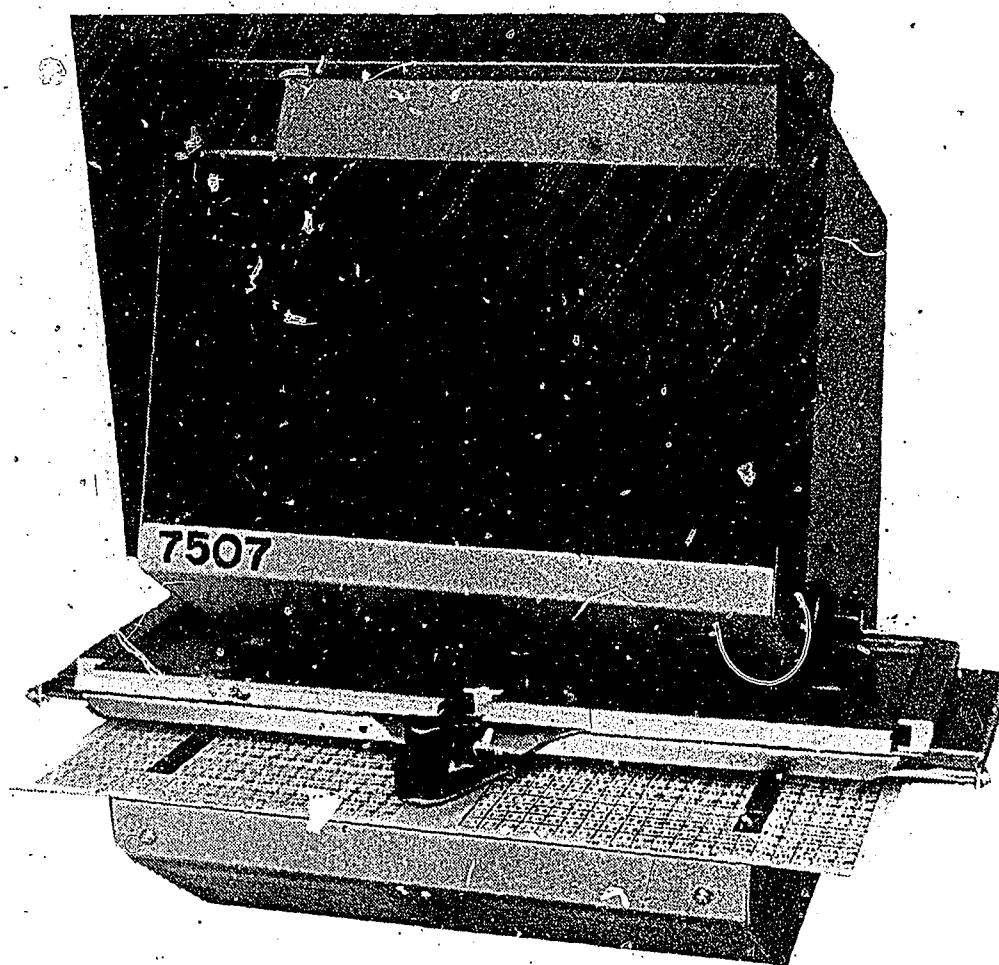
READER-PRINTER (if applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



GAF CORPORATION Model 7507

MANUFACTURER/DISTRIBUTOR
GAF Corporation

ADDRESS
140 West 51st Street
New York, New York 10020

MODEL
7507

WEIGHT AND DIMENSIONS
18 lbs.
14 1/2" H, 10 3/4" W, 14" D

LENSES AVAILABLE
18X, 24X, 32X, 40X or 48X

OTHER FEATURES
Noiseless Convection Cooling
Extended Hood

FICHE SIZES ACCEPTED
Dual 105mm x 148mm

ACCESSORIES
12 Volt Auto Adaptor
Various Size Carriers (Option)

SCREEN SIZE
8 1/2" x 5 1/2"

WARRANTY PERIOD
6 Months

SCREEN COLOR
Neutral

LIST PRICE
\$125.00

SCREEN TYPE
Rear Projection

GSA SCHEDULE
N/A

POSITIONING CONTROLS
Fingertip Selector
X-Y Index

READER-PRINTER (If applicable)

OPTICAL SYSTEM
Floating Lens

PROCESS

RATED LAMP LIFE
Not Available

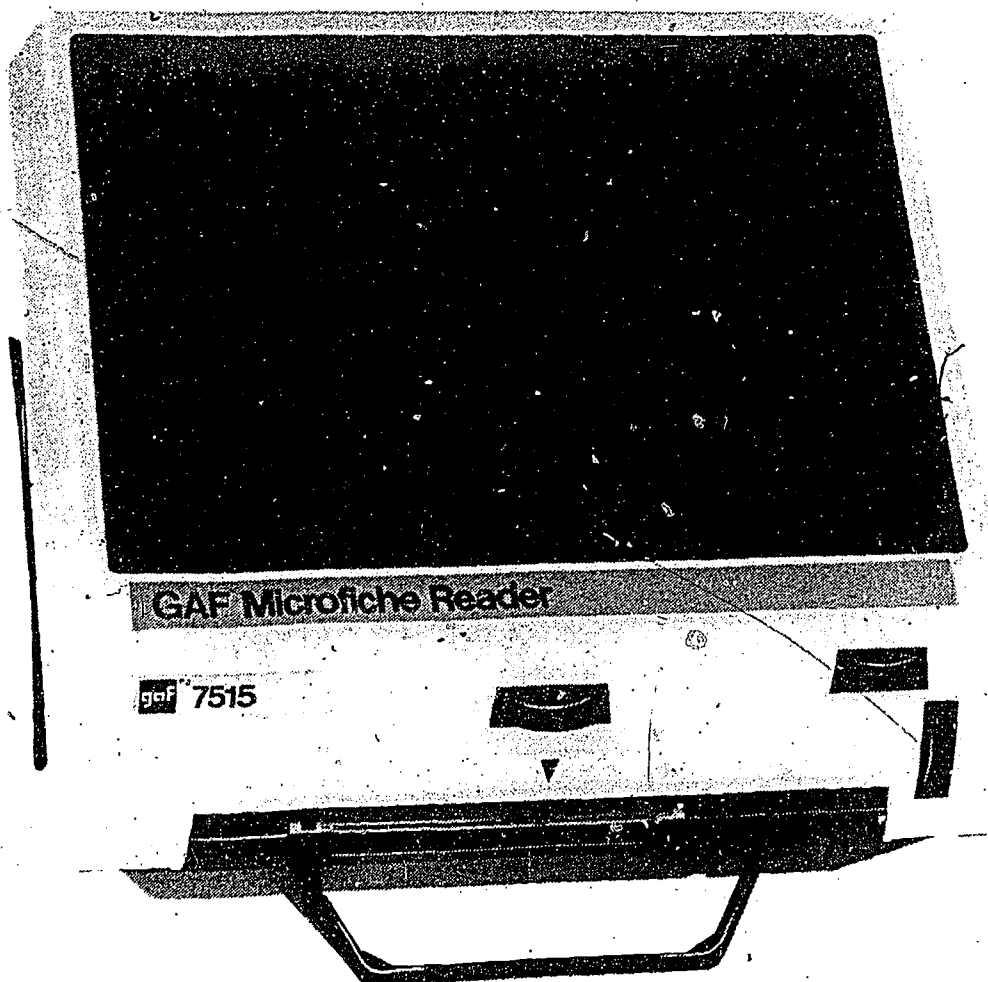
PRINT SPEED

POWER REQUIREMENT
120 VAC 60 Hz 45 Watts
12-Volt System (Optional)

PRINT SIZE

CONSTRUCTION MATERIAL
Steel and Aluminum

PRINT COST



GAF CORPORATION Model 7515 Portable

MANUFACTURER/DISTRIBUTOR
GAF Corporation

ADDRESS
140 West 51st Street
New York, New York 10020

MODEL

7515 Portable

LENSES AVAILABLE

20X or 24X

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

7 1/4" x 10"

SCREEN COLOR

Neutral Gray

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Dials for Horizontal and
Vertical Movement

OPTICAL SYSTEM

12-Volt Lamp

RATED LAMP LIFE

Not Available

POWER REQUIREMENT

115 VAC 50/60 Hz or
240 VAC 50 Hz

CONSTRUCTION MATERIAL

High-Impact Plastic

WEIGHT AND DIMENSIONS

5 lbs.
11" H, 10 1/2" W, 5 3/4" D

OTHER FEATURES

Convenient Lap Design
Handle

ACCESSORIES

Battery Pack
12-Volt DC Auto Cord

WARRANTY PERIOD

6 Months

LIST PRICE

\$129.00

GSA SCHEDULE

\$110.50

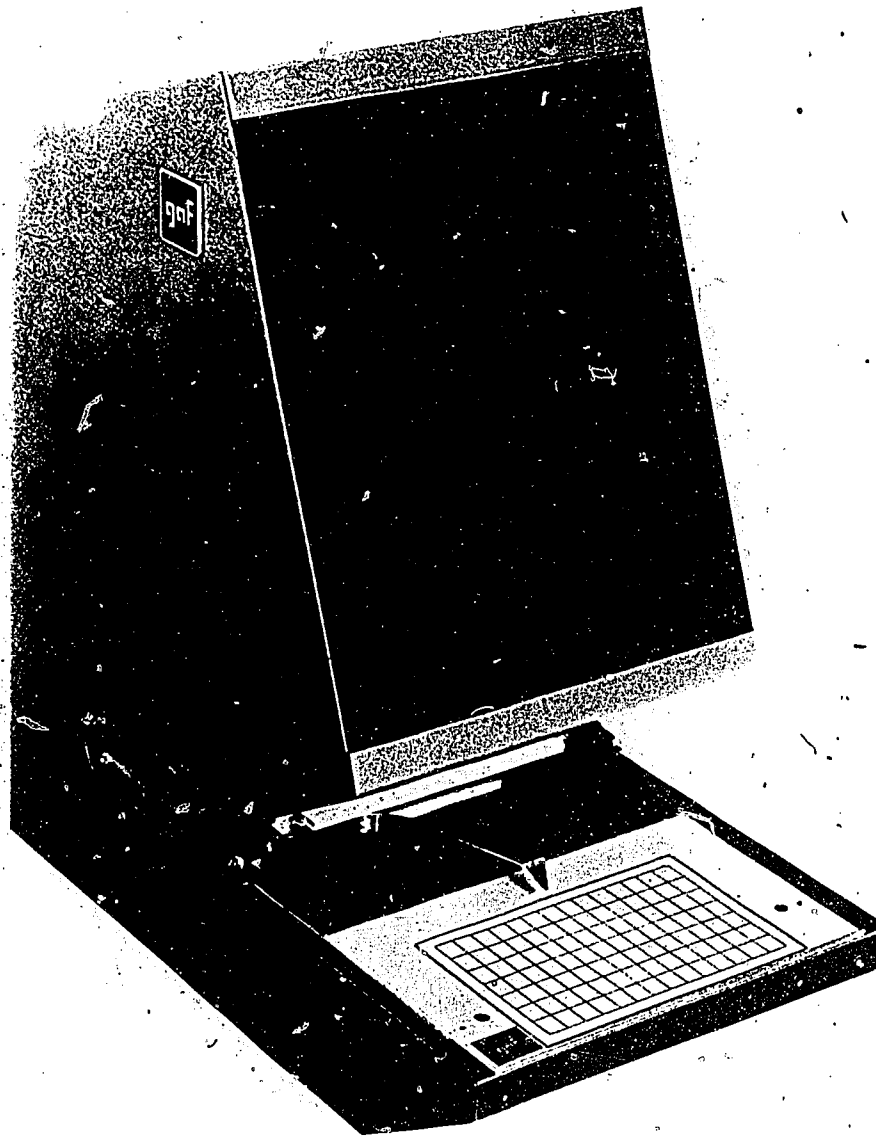
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



GAF CORPORATION Model 7500 A

MANUFACTURER/DISTRIBUTOR
GAF Corporation

ADDRESS
140 West 51st Street
New York, New York 10020

MODEL
7500 A

WEIGHT AND DIMENSIONS

25 1/2 lbs.
18 1/2" H, 9 1/2" W, 16" D

LENSES AVAILABLE
18X, 24X or 32X

OTHER FEATURES

Constant Focus
Dual Lamp Intensity

FICHE SIZES ACCEPTED
Up to 4" x 7 3/8"

ACCESSORIES

None

SCREEN SIZE
8 1/2" x 11"

WARRANTY PERIOD

6 Months

SCREEN COLOR
Blue, Green, or Gray

LIST PRICE
\$159.00

SCREEN TYPE
Nonglare, Rear Projection

GSA SCHEDULE

N/A

POSITIONING CONTROLS
X-Y Index
Fingertip Frame Selector

READER-PRINTER (If applicable)

OPTICAL SYSTEM
Floating Lens
150 Watt Quartz Halogen Lamp

PROCESS

RATED LAMP LIFE
500 Hours

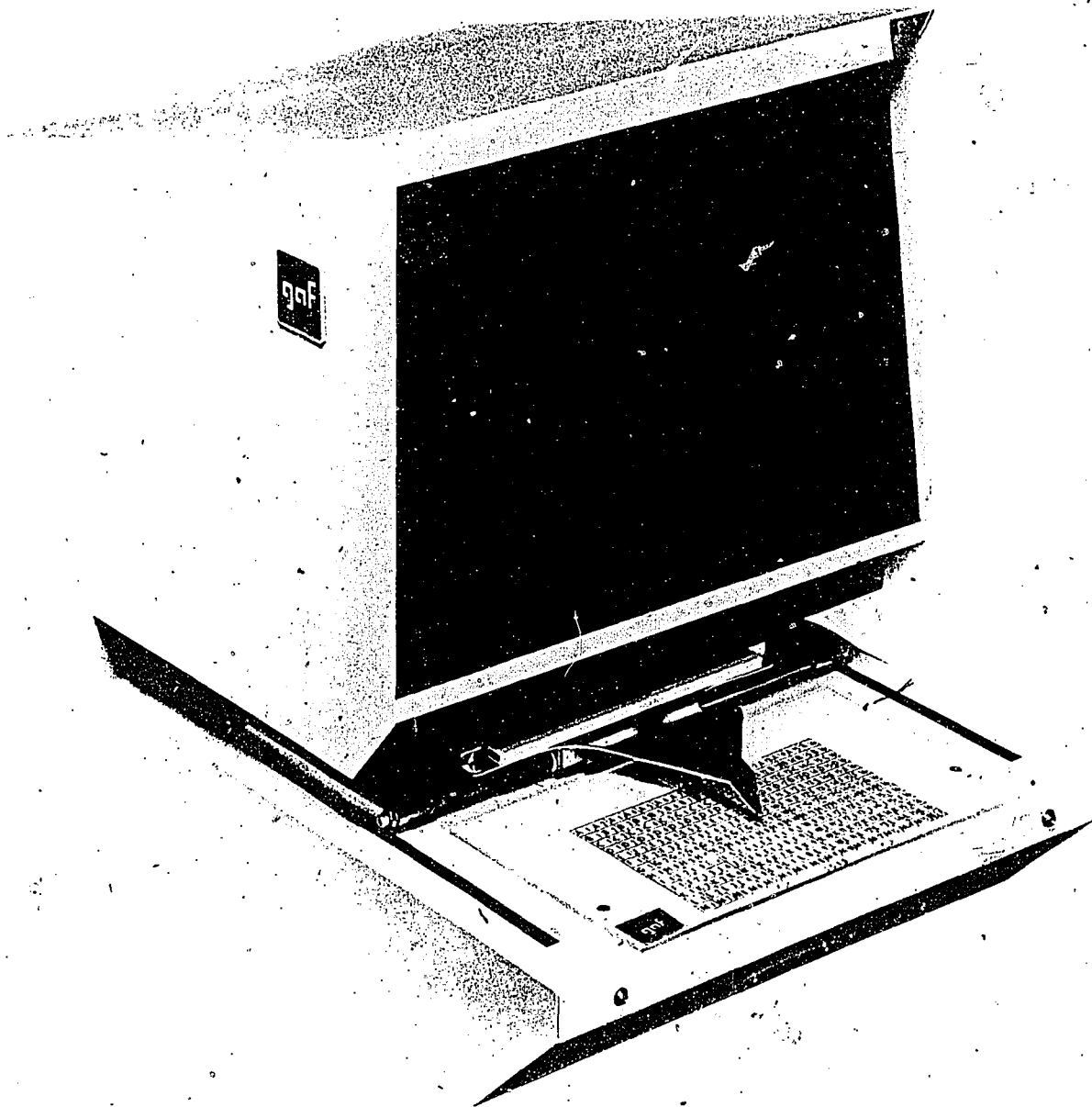
PRINT SPEED

POWER REQUIREMENT
115 VAC 50/60 Hz 150 Watts

PRINT SIZE

CONSTRUCTION MATERIAL
Steel and Aluminum

PRINT COST



GAF CORPORATION Model 7504

MANUFACTURER/DISTRIBUTOR

GAF Corporation

ADDRESS

140 West 51st Street
New York, New York 10020

MODEL

7504

LENSES AVAILABLE

18X, 24X, 32X, or 40X
(3/4 Blowback)

FICHE SIZES ACCEPTED

4" x 6", 3 1/4" x 7 3/8"
(4" x 12" Carrier-Optional).

SCREEN SIZE

11" x 8 1/2"

SCREEN COLOR

Blue, Green, or Gray.

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Fingertip Frame Selector
X-Y Index

OPTICAL SYSTEM

Floating Lens
Quartz Halogen Lamp

RATED LAMP LIFE

500 Hours

POWER REQUIREMENT

115 VAC 50/60 Hz 150 Watts

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

25 1/2 lbs.
15" H, 12" W, 19" D

OTHER FEATURES

Constant Focus
Dual Lamp Intensity

ACCESSORIES

None

WARRANTY PERIOD

6 Months

LIST PRICE

\$169.00

GSA SCHEDULE

N/A

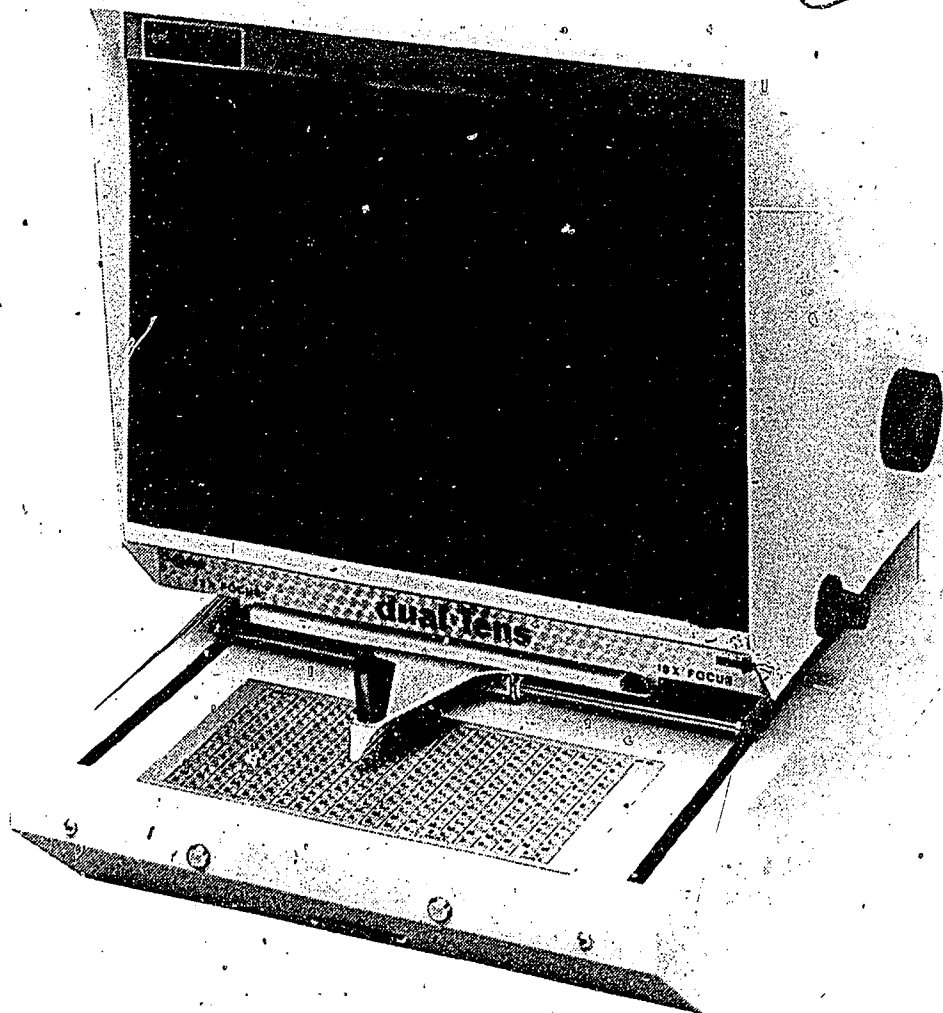
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



GAF CORPORATION Model 7524 Dual Magnification Reader

MANUFACTURER/DISTRIBUTOR
GAF Corporation

ADDRESS
140 West 51st Street
New York, New York 10020

MODEL
7524 Dual Magnification Reader

WEIGHT AND DIMENSIONS
27 lbs.
15" H, 12" W, 19" D

LENSES AVAILABLE
18X and 32X

OTHER FEATURES
High-Low Lamp Switch

FICHE SIZES ACCEPTED
Up to 4" x 7 3/8"

ACCESSORIES
Turntable
Dust Cover
Screen Hood

SCREEN SIZE
11" x 8 1/2"

WARRANTY PERIOD
6 Months

SCREEN COLOR
Blue, Gray or Green

LIST PRICE
\$265.00

SCREEN TYPE
Nonglare, Rear Projection

GSA SCHEDULE
N/A

POSITIONING CONTROLS
Fingertip Selector
X-Y Index

READER-PRINTER (If applicable)

OPTICAL SYSTEM
Quartz Halogen Lamp
Floating Lens

PROCESS

RATED LAMP LIFE
Not Available

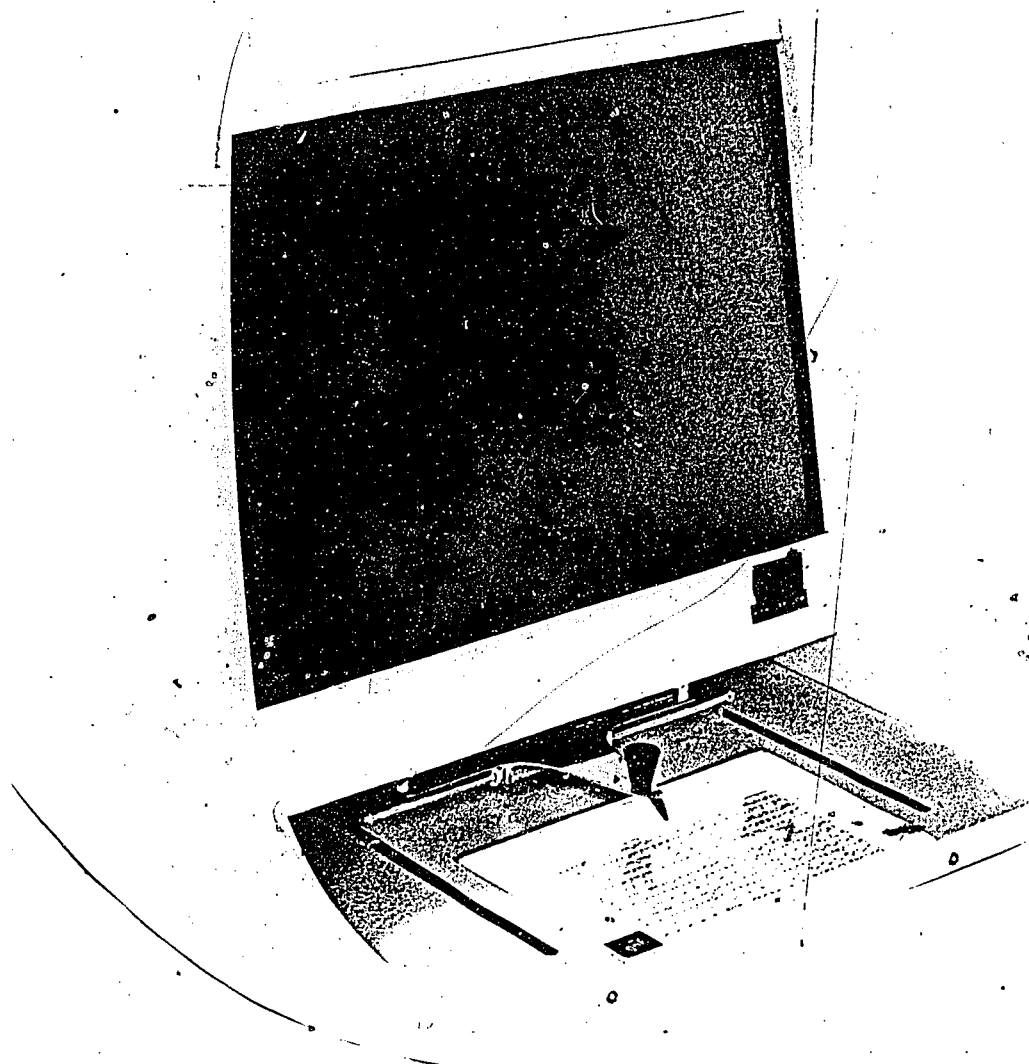
PRINT SPEED

POWER REQUIREMENT
115 VAC 50/60 Hz
150 Watts

PRINT SIZE

CONSTRUCTION MATERIAL
Steel and Aluminum

PRINT COST



GAF CORPORATION Model 7511

MANUFACTURER/DISTRIBUTOR
GAF Corporation

ADDRESS
140 West 51st Street
New York, New York 10020

MODEL
7511

LENSES AVAILABLE
24X, 32X, 42X, 48X or 50X

FICHE SIZES ACCEPTED
Up to 4" x 7 3/8"
(4" x 12" Carrier-Optional)

SCREEN SIZE
15 1/2" x 11 1/2"

SCREEN COLOR
Blue, Green, or Gray

SCREEN TYPE
Nonglare, Rear Projection

POSITIONING CONTROLS
Fingertip Frame Selector
X-Y Index

OPTICAL SYSTEM
Floating Lens
150 Watt Quartz Halogen Lamp

RATED LAMP LIFE
500 Hours

POWER REQUIREMENT
115 VAC 50/60 Hz 150 Watts

CONSTRUCTION MATERIAL
Steel and Aluminum

WEIGHT AND DIMENSIONS
32 lbs.
20" H, 16 1/2" W, 25" D

OTHER FEATURES
Dual Lamp Intensity
Constant Focus

ACCESSORIES
Turntable
Dust Cover

WARRANTY PERIOD
6 Months

LIST PRICE
\$275.00

GSA SCHEDULE
\$231.00

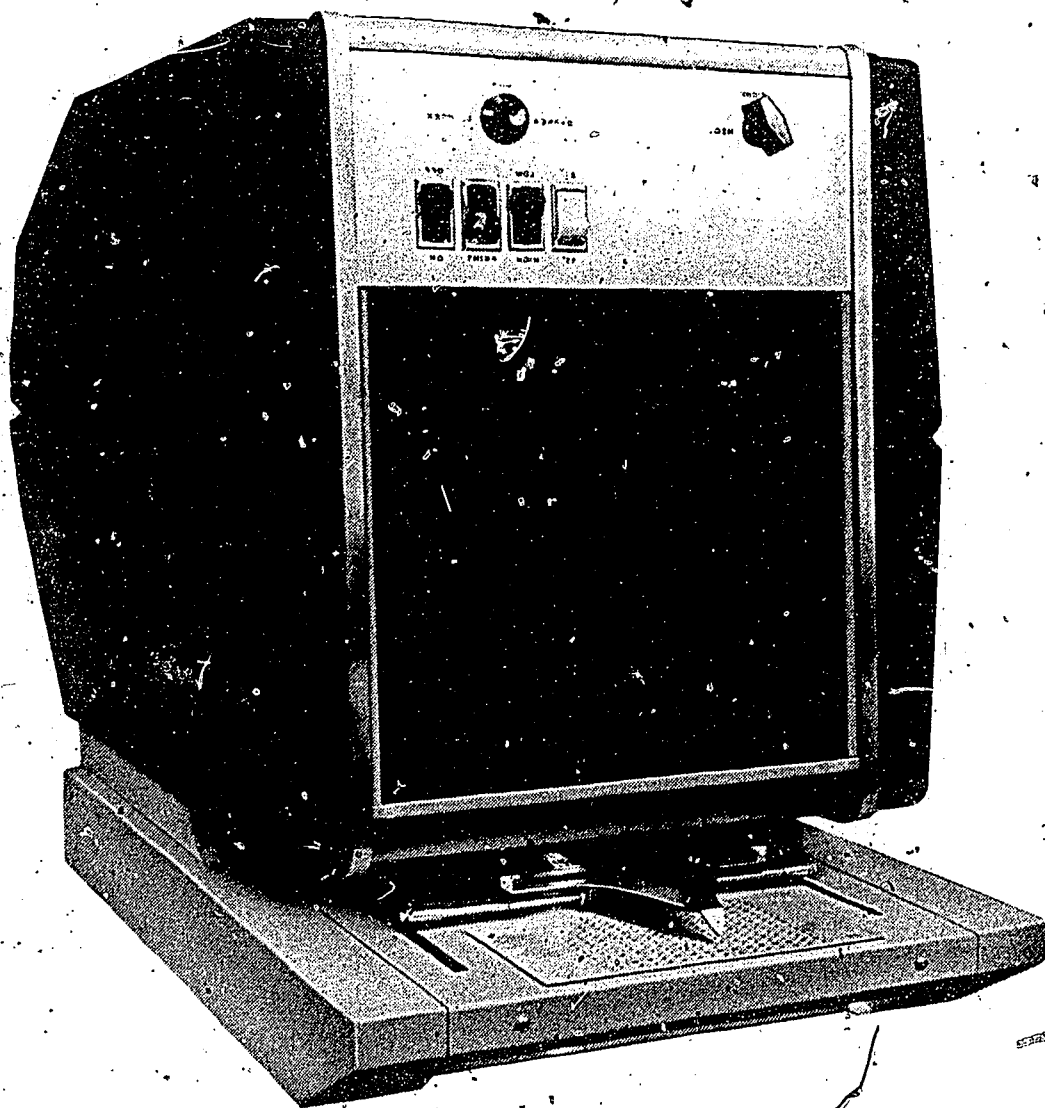
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



GAF CORPORATION Model 9000 Reader-Printer

MANUFACTURER/DISTRIBUTOR
GAF Corporation

ADDRESS

140 West 51st Street
New York, New York 10020

MODEL

9000°Reader-Printer

LENSES AVAILABLE

18X, 24X, 32X, 40X or 48X

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

11" x 11"

SCREEN COLOR

Blue, Gray, or Green

SCREEN TYPE

Rear Projection

POSITIONING CONTROLS

Fingertip Selector
X-Y Index

OPTICAL SYSTEM

Floating Lens for Constant Focus

RATED LAMP LIFE

Not Available

POWER REQUIREMENT

110 VAC 60 Hz

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

70 lbs.

23" H, 15" W, 28" D

OTHER FEATURES

High-Low Lamp Switch
Polarity Switch for Positive
and Negative Films

ACCESSORIES

4" x 12" Oversize Carrier (Option)

4" x 7 3/8" Carrier (Option)

WARRANTY PERIOD

6 Months

LIST PRICE

\$985.00

GSA SCHEDULE

N/A

READER-PRINTER (If applicable)

PROCESS

Electrostatic

PRINT SPEED

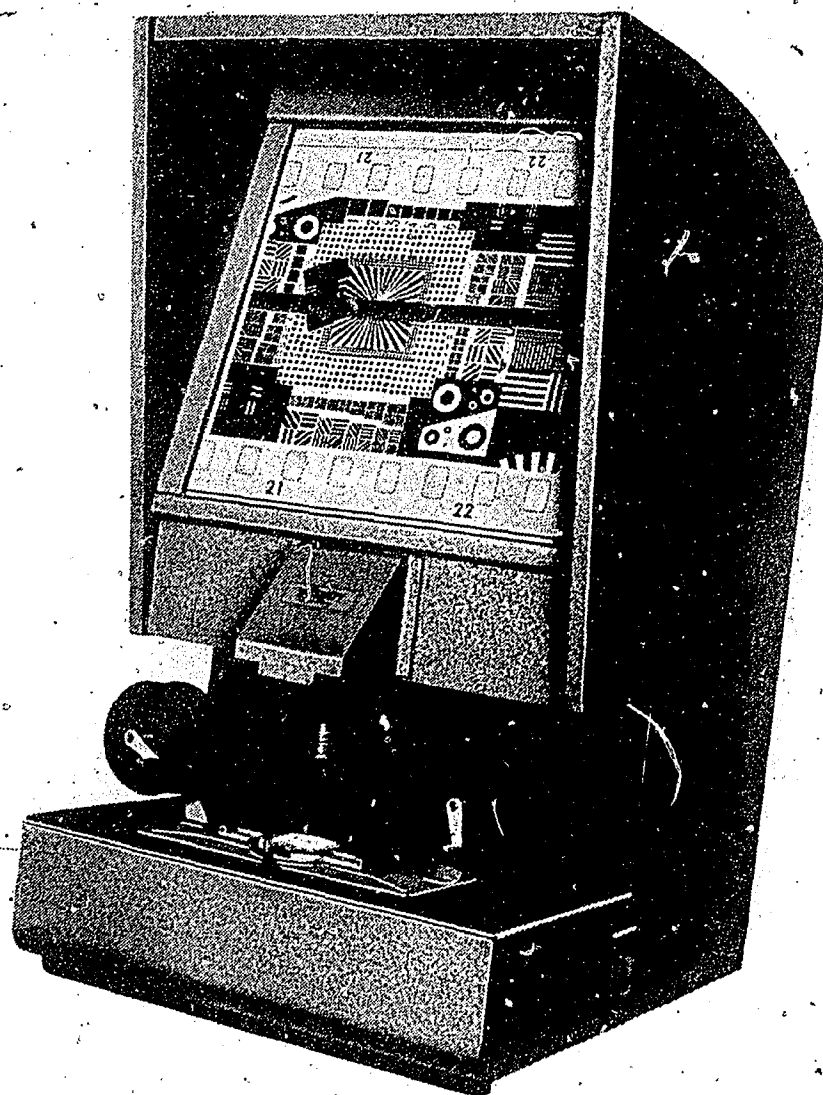
7.5 Seconds

PRINT SIZE

8 1/2" x 11"

PRINT COST

Not Available



KARL HEITZ, INC. Optico L 36

MANUFACTURER/DISTRIBUTOR

Earl Heitz, Inc.,

ADDRESS

979 Third Avenue
New York, New York 10022

MODEL

Optico 1.30

WEIGHT AND DIMENSIONS

46 lbs.
21" H, 17" W, 31" D

LENSES AVAILABLE

8X, 10X, or 14X

OTHER FEATURES

Wall Projection Capability
Variable Light Control
Accepts Roll Film

FICHE SIZES ACCEPTED

3 1/8" x 4 7/8"

ACCESSORIES

Fiche Frame

SCREEN SIZE

14" x 14"

WARRANTY PERIOD

Not Available

SCREEN COLOR

Neutral

LIST PRICE

\$699 (Fiche Frame \$70 Extra)

SCREEN TYPE

"Marata" Rear Projection

GSA SCHEDULE

N/A

POSITIONING CONTROLS

Manual

READER-PRINTER (If applicable)

OPTICAL SYSTEM

Low Voltage Lamp

PROCESS

RATED LAMP LIFE

Not Available

PRINT SPEED

POWER REQUIREMENT

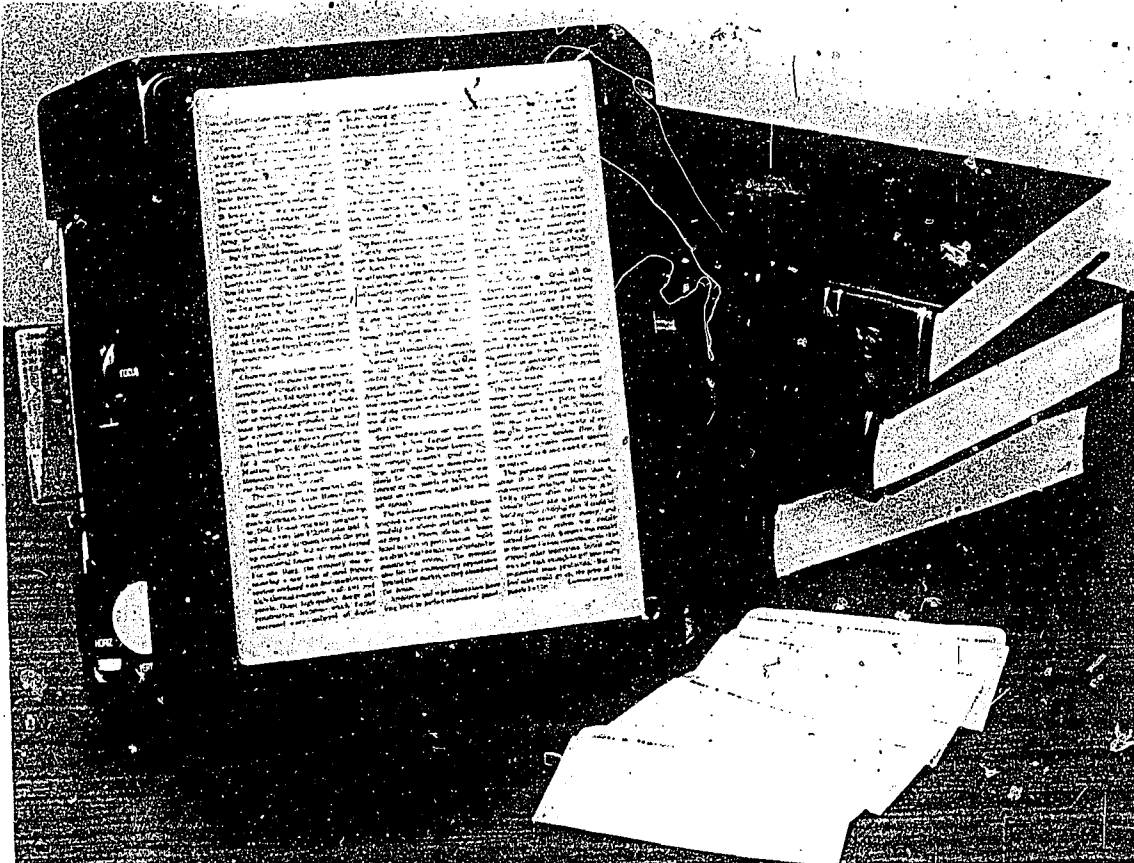
220/110 VAC

PRINT SIZE

CONSTRUCTION MATERIAL

Metal

PRINT COST



LIBRARY RESOURCES, INC. Microbook 710 Portareader

MANUFACTURER/DISTRIBUTOR
Library Resources, Inc.

ADDRESS
301 East Erie Street
Chicago, Illinois 60611

MODEL

Microbook 710 Portareader

WEIGHT AND DIMENSIONS

5 lbs.
11 1/4" H, 11 3/4" W, 6 1/4" D

LENSES AVAILABLE

75X

OTHER FEATURES

Image Rotation Case Design,
Recessed Cord Wrap, Fiche
Storage Chamber

FICHE SIZES ACCEPTED

3" x 5"

ACCESSORIES

None

SCREEN SIZE

7 1/8" x 10"

WARRANTY PERIOD

90 Days

SCREEN COLOR

Gray

LIST PRICE

\$165.00

SCREEN TYPE

Nondirectional, Rear Projection

GSA SCHEDULE

N/A

POSITIONING CONTROLS

Horizontal and Vertical Knobs
Mechanically Compelled Fiche Transport

READER-PRINTER (If applicable)

OPTICAL SYSTEM

Constant Focus Lens

PROCESS

RATED LAMP LIFE

150 Hours

PRINT SPEED

POWER REQUIREMENT

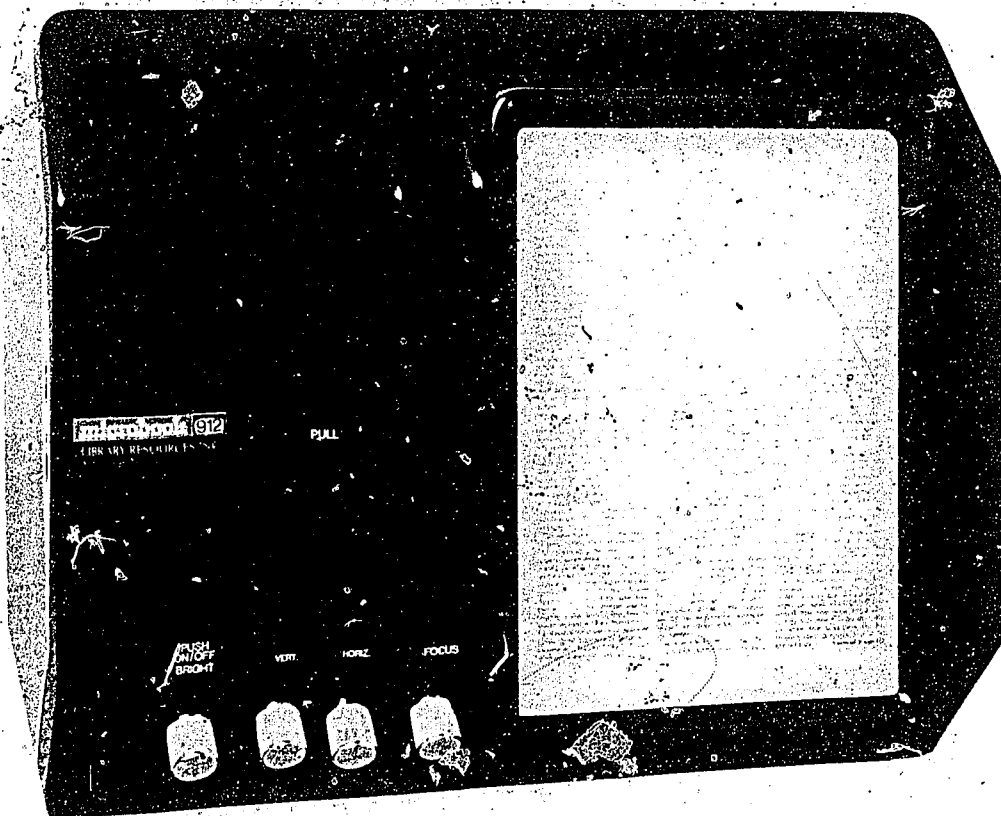
120 VAC 50 Watts

PRINT SIZE

CONSTRUCTION MATERIAL

High-Impact Plastic

PRINT COST



LIBRARY RESOURCES, INC. Microbook 912 Table Reader

MANUFACTURER/DISTRIBUTOR

Library Resources, Inc.

ADDRESS

301 East Erie Street
Chicago, Illinois 60611

MODEL

Microbook 912 Table Reader

LENSES AVAILABLE

90X

FICHE SIZES ACCEPTED

3" x 5"

SCREEN SIZE

8.5" x 12"

SCREEN COLOR

Gray

SCREEN TYPE

Nondirectional, Rear Projection

POSITIONING CONTROLS

Mechanically Coupled
Horizontal and Vertical Dials

OPTICAL SYSTEM

Constant Focus

RATED LAMP LIFE

250 Hours

POWER REQUIREMENT

120 VAC 50/60 Hz 120 Watts

CONSTRUCTION MATERIAL

High-Impact Plastic Case

WEIGHT AND DIMENSIONS

52 lbs.
17 1/4" H, 21" W, 16" D

OTHER FEATURES

Adjustable Screen Angle
Mechanical Fiche Rotation
Light Intensity Control

ACCESSORIES

None

WARRANTY PERIOD

1 Year

LIST PRICE

\$450.00

GSA SCHEDULE

N/A

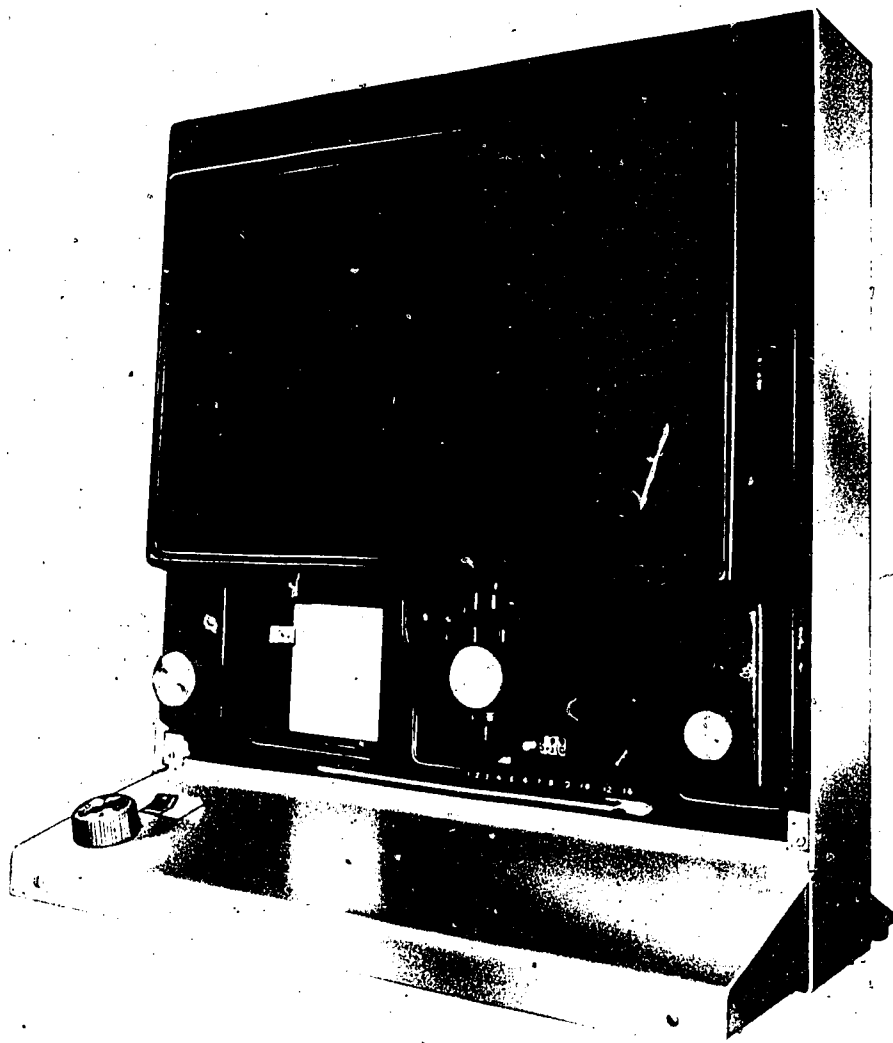
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



METAGRAPHIC SYSTEMS COR 701

MANUFACTURER/DISTRIBUTOR

Meta,graphic Systems

ADDRESS

100 Stillwell Avenue
New York, New York 10461

MODEL

MB 701

LENSES AVAILABLE

24X, 28X, or 40X

FICHE SIZES ACCEPTED

Up to 4" x 6"

SCREEN SIZE

17" x 13"

SCREEN COLOR

Neutral

SCREEN TYPE

Rear Projection

POSITIONING CONTROLS

Manual Fiche Carrier
Motorized Cartridge Viewing

OPTICAL SYSTEM

200 Watt Quartz Halogen Lamp

RATED LAMP LIFE

300 Hours

POWER REQUIREMENT

110 VAC

CONSTRUCTION MATERIAL

Metal and Plastic

WEIGHT AND DIMENSIONS

40 lbs.

24 1/2" H, 21" W, 15 1/2" D

OTHER FEATURES

Accepts 3M Cartridges
Image Counter
Optical Image Rotation

ACCESSORIES

Interchangeable Lenses
Electronic Image Counter (by
Option)

WARRANTY PERIOD

1 Year (GSA)

LIST PRICE

\$915.00

GSA SCHEDULE

\$841.30 (24X Lens)
(Available from 3M Company)

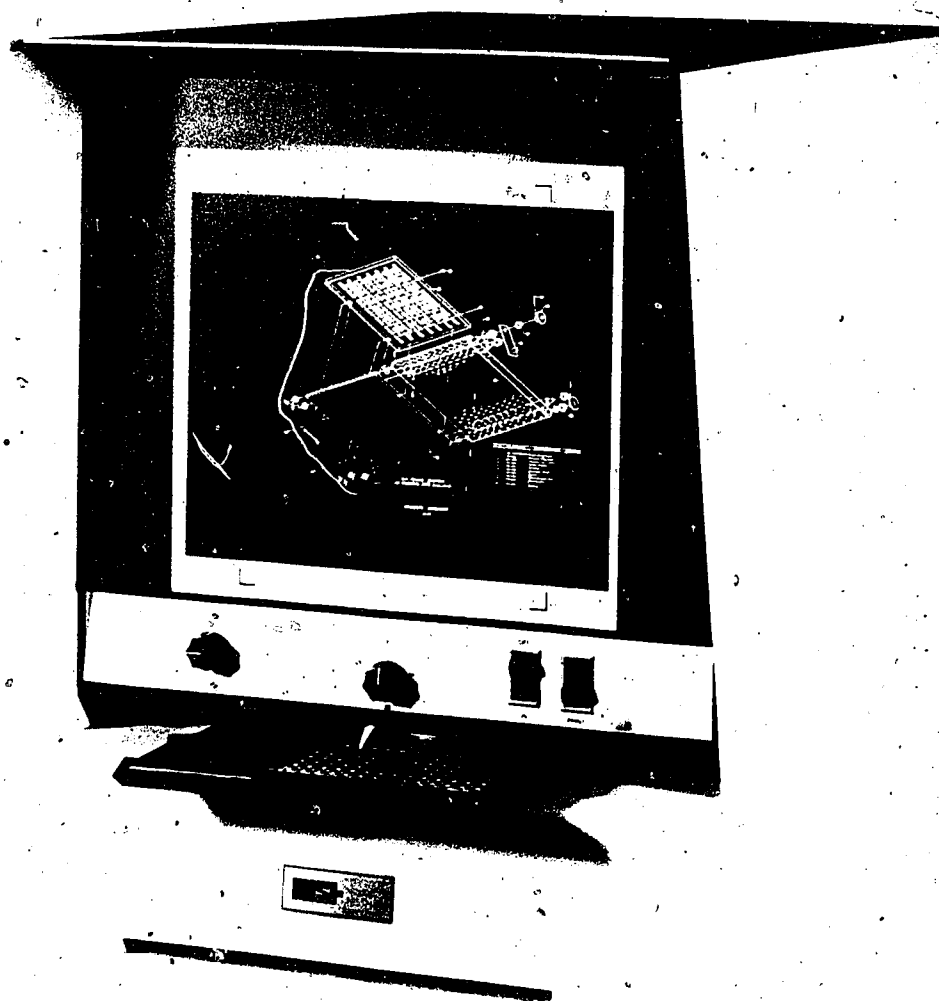
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



MICRO INFORMATION SYSTEMS, INC. Model 201 Reader Printer

MANUFACTURER/DISTRIBUTOR
Micro Information Systems, Inc.

ADDRESS
467 Armour Circle, N.E.
Atlanta, Georgia 30324

MODEL

201 Reader-Printer
202 COM Reader-Printer

LENSES AVAILABLE

18X, 24X, 32X, 36X, 42X, or
48X

FICHE SIZES ACCEPTED

Up to 5" x 8"

SCREEN SIZE

12" x 12"

SCREEN COLOR

Blue

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Manual Glass Flats

OPTICAL SYSTEM

300 Watt Lamp

RATED LAMP LIFE

300 Hours Average

POWER REQUIREMENT

105-120 VAC 60 Hz or
220-240 VAC 50 Hz

CONSTRUCTION MATERIAL

Metal

WEIGHT AND DIMENSIONS

120 lbs.
27" H, 18" W, 26" D

OTHER FEATURES

Interchangeable Lenses (Except
with Image Rotation)
Automatic Paper Cutter

ACCESSORIES

Image Rotation (Except 18X)
Polarity Control, Multiple Copy
Selector, Coin Acceptor or Changer

WARRANTY PERIOD

90 Days

LIST PRICE

Model 201: \$695.00 - \$745.00
Model 202: \$795.00 - \$850.00

GSA SCHEDULE

Yes

READER-PRINTER (If applicable)

PROCESS

Electrostatic

PRINT SPEED

6 per Minute

PRINT SIZE

Model 201: 8 1/2" x 11"
Model 202: 11" x 8 1/2"

PRINT COST

\$0.04



MICRO INFORMATION SYSTEMS, INC. Model 301 Reader Printer

MANUFACTURER/DISTRIBUTOR
Micro Information Systems, Inc.

ADDRESS
467 Armour Circle, N.E.
Atlanta, Georgia 30324

MODEL

301 Reader Printer

LENSES AVAILABLE

75X or 150X
(Others on Request)

FICHE SIZES ACCEPTED

Up to 5" x 8"

SCREEN SIZE

12" x 12"

SCREEN COLOR

Blue

SCREEN TYPE

High Contrast Nonglare

POSITIONING CONTROLS

Front, Easy Access

OPTICAL SYSTEM

300 Watt Lamp

RATED LAMP LIFE

300 Hours Average

POWER REQUIREMENT

105-120 VAC 60 Hz or
220-240 VAC 50 Hz

CONSTRUCTION MATERIAL

Metal

WEIGHT AND DIMENSIONS

120 lbs.
27" H, 18" W, 26" D

OTHER FEATURES

Automatic Paper Cutter

ACCESSORIES

Polarity Control
Coin Acceptor or Changer

WARRANTY PERIOD

90 Days

LIST PRICE

\$1495.00 - \$1695.00

GSA SCHEDULE

No

READER-PRINTER (If applicable)

PROCESS

Electrostatic

PRINT SPEED

6 per Minute

PRINT SIZE

8 1/2" x 11"

PRINT COST

\$0.04



MICRO-SCAN SYSTEMS INC. Model P-50 Gypsy

MANUFACTURER/DISTRIBUTOR

Micro-Scan Systems Inc.

ADDRESS151 Balliet Street
Boston, Massachusetts 02124**MODEL**

E-50/00000

LENSES AVAILABLE

22X or 24X

FICHE SIZES ACCEPTED

4" x 6"

SCREEN SIZE

12" x 12" image

SCREEN COLOR

N/A

SCREEN TYPE

opaque surface on Desk Top

POSITIONING CONTROLS

Manual Scanning

OPTICAL SYSTEM

A-Element Lens

RATED LAMP LIFE

300 Hours

POWER REQUIREMENT

110 VAC 60 Hz

CONSTRUCTION MATERIAL

High-Impact Plastic

WEIGHT AND DIMENSIONS

11 lbs.

Closed: 14 3/4" H, 13" W, 13" D

Open: 16 3/4" H, 13" W, 13" D

OTHER FEATURES

Projects on Desk Top or Wall

ACCESSORIES

12-Volt Attachment

WARRANTY PERIOD

6 Months

LIST PRICE

\$59.95

GSA SCHEDULE

\$56.00

READER-PRINTER (If applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



MICRO-SCAN SYSTEMS INC. Model K-71

MANUFACTURER/DISTRIBUTOR

Micro-Plan Systems Inc.

ADDRESS181 Elliot Street
Boston, Massachusetts 02125**MODEL**

M-11

WEIGHT AND DIMENSIONS15 lbs.
20" x 16" x 14"**LENSES AVAILABLE**

15X, 19X, 22X, 24X, or 35X

OTHER FEATURESSliding lens for constant
Focus**FICHE SIZES ACCEPTED**

4" x 6" and Tab Card Size

ACCESSORIESRoll Film Attachment (1/2" x 29mm)
Carrying handle (kit)**SCREEN SIZE**

8 1/2" x 11"

WARRANTY PERIOD

6 Months

SCREEN COLOR

Neutral

LIST PRICE

\$129.00

SCREEN TYPEPolacoat, Nonglare
(Rear Projection)**GSA SCHEDULE**

\$121.00

POSITIONING CONTROLS

Single Knob Operation

READER-PRINTER (if applicable)**OPTICAL SYSTEM**12-Volt Lamp
4-Element Lens**PROCESS****RATED LAMP LIFE**

300 hours

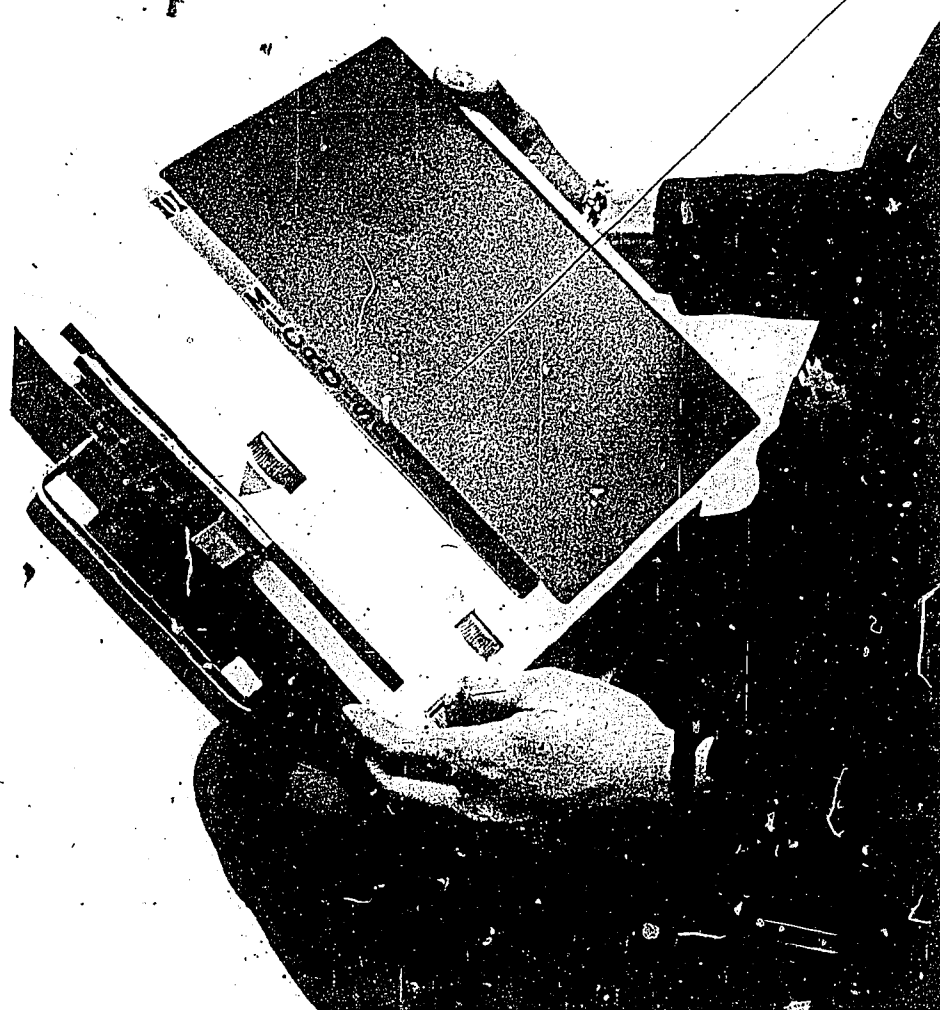
PRINT SPEED**POWER REQUIREMENT**

110 VAC 60 Hz

PRINT SIZE**CONSTRUCTION MATERIAL**

High-Impact Plastic

PRINT COST



MICRO-SCAN SYSTEMS INC. Escort Model K-100

MANUFACTURER/DISTRIBUTOR

Micro-Scan Systems Inc.

ADDRESS151 Elliot Street
Boston, Massachusetts 02124**MODEL**

Model 100-100

WEIGHT AND DIMENSIONS5 lbs.
11 3/16" x 10 1/2" x 1 1/2"**LENSES AVAILABLE**

2X, 3X, 4X, or 42X

OTHER FEATURES

Portable, convenient lap bed

FICHE-SIZES ACCEPTED

11" x 17" and 14" x 17" size

ACCESSORIESCarrying Case
12-Volt Attachment**SCREEN SIZE**

11 1/4" x 10"

WARRANTY PERIOD

6 Months

SCREEN COLOR

Neutral

LIST PRICE

\$149.50

SCREEN TYPEGelcoat, Non-flare
(rear projection)**GSA SCHEDULE**

\$140.50

POSITIONING CONTROLSHorizontal and Vertical
Scanning Controls**READER-PRINTER (If applicable)****OPTICAL SYSTEM**

11-Volt lamp

PROCESS**RATED LAMP LIFE**

250-300 Hours

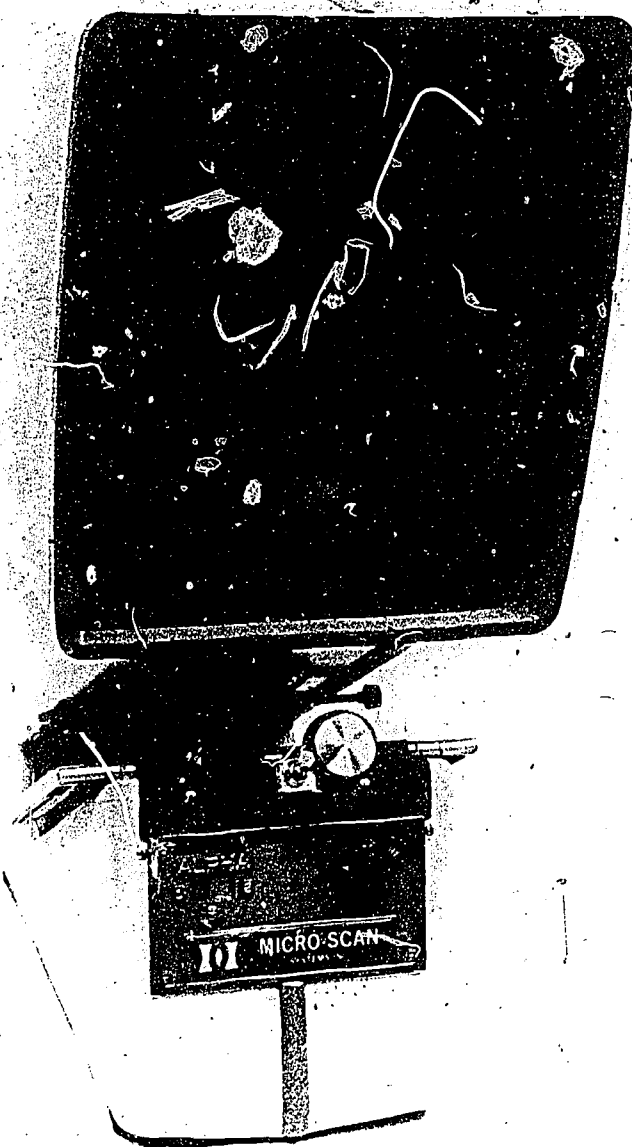
PRINT SPEED**POWER REQUIREMENT**

110 VAC 60 Hz

PRINT SIZE**CONSTRUCTION MATERIAL**

High-Impact Plastic

PRINT COST



MICRO-SCAN SYSTEMS INC. Model K-71D (Dual Lens)

MANUFACTURER/DISTRIBUTOR

Micro-Scan Systems Inc.

ADDRESS151 Balliet Street
Boston, Massachusetts 02124**MODEL**

8-711 (Fixed Lens)

WEIGHT AND DIMENSIONS15 lbs.
20" H, 10" W, 14" D**LENSES AVAILABLE**11X & 22X (Standard)
11X & 19X, 15X & 22X, 11X & 24X,
19X & 24X, 22X & 35X (Optional)**FICHE SIZES ACCEPTED**

4" x 6" and Tab Card Size

OTHER FEATURES

Gliding Lens for Constant Focus

ACCESSORIESRoll Film Attachment (16 & 35mm)
Carrying Handle (Kit)**SCREEN SIZE**

8 1/2" x 11"

WARRANTY PERIOD

6 Months

SCREEN COLOR

Neutral

LIST PRICE\$175.00 - Standard Lenses
\$185.00 - Selected Combinations**SCREEN TYPE**Polacoat, Nonflare
(Rear Projection)**GSA SCHEDULE**

\$164.50

POSITIONING CONTROLS

Single Knob Operation

READER-PRINTER (If applicable)**OPTICAL SYSTEM**12-Volt Lamp
4-Element Lens**PROCESS****RATED LAMP LIFE**

300 Hours

PRINT SPEED**POWER REQUIREMENT**

110 VAC 60 Hz

PRINT SIZE**CONSTRUCTION MATERIAL**

High-Impact Plastic

PRINT COST



MICROTECH PRESS Model PA-100

MANUFACTURER/DISTRIBUTOR

Microtech Press

ADDRESS

9155 W. Colfax Avenue
Inglewood, Colorado 80215

MODEL

1A-100

LENSES AVAILABLE

50mm, 75mm

FICHE SIZES ACCEPTED

105mm x 148mm, 105mm x 350mm
Lab Size Microaperture Cards

SCREEN SIZE

24" x 32"

SCREEN COLOR

Gray

SCREEN TYPE

Reflex Opaque

POSITIONING CONTROLS

Manual
X-Y Scales

OPTICAL SYSTEM

4mm F1.8 Focal Plane Focusing
Quartz Halogen 45W

RATED LAMP LIFE

200 Hours

POWER REQUIREMENT

12 VAC 3.7 Amp

CONSTRUCTION MATERIAL

Elastic

WEIGHT AND DIMENSIONS

2 lbs. 10 ozs.

11" H, 3" W, 9" D

OTHER FEATURES

Virtual Image Fit
(200% Enlargement)

ACCESSORIES

Power Converter 110-120 VAC to 12 VAC, Rear Projector
Screen Assy., 105mm Fiche Reader

WARRANTY PERIOD

6 Months

LIST PRICE

\$82.00 - \$175.00 (Dependent on
Quantity)

GSA SCHEDULE

No

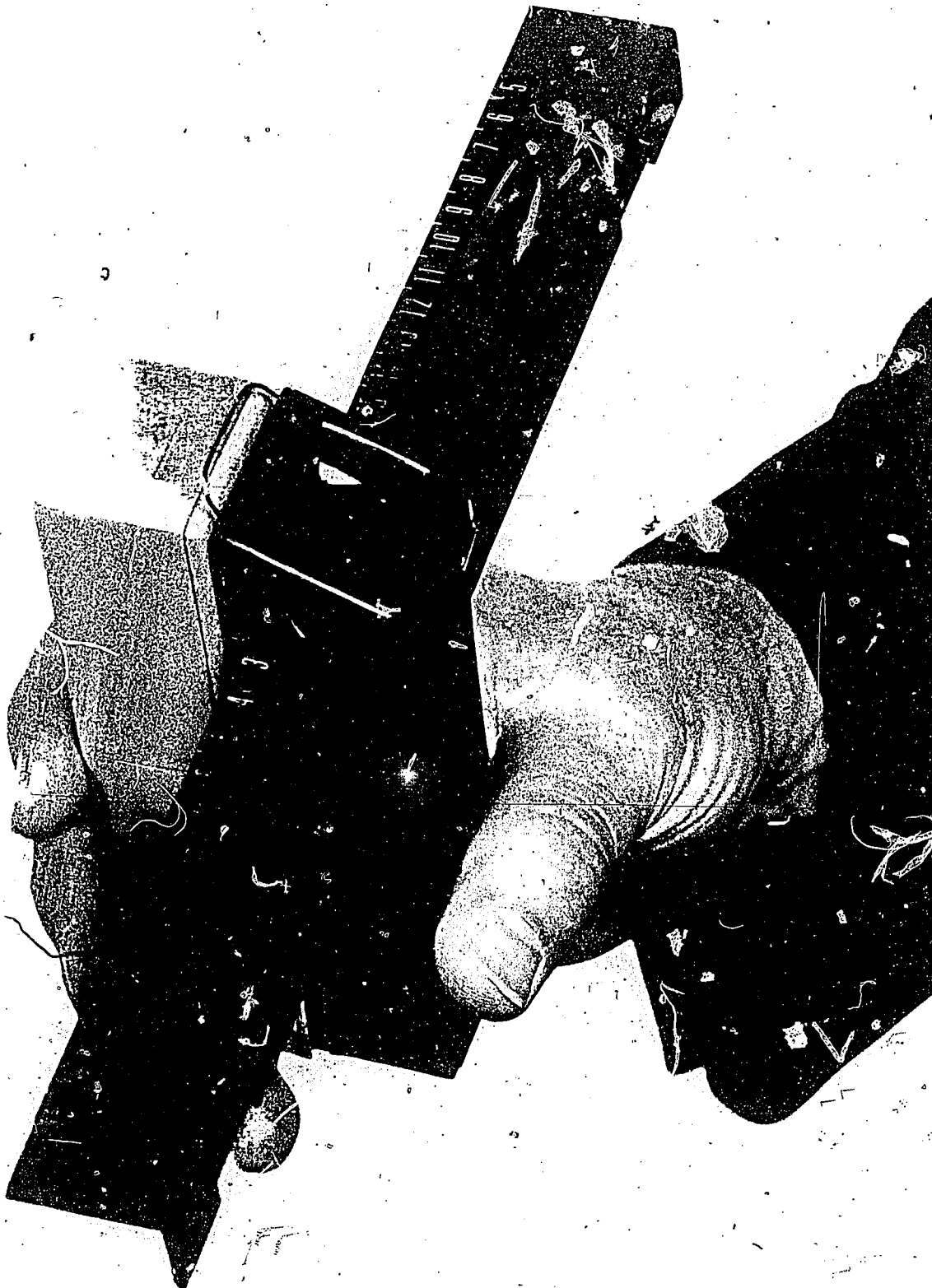
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



MICROVISION INC. Model R24-48

MANUFACTURER/DISTRIBUTOR

Microvision Inc.

ADDRESS895 W. 16th Street
Newport Beach, California 92660**MODEL**

Microvision R24-48

LENSES AVAILABLE

Views up to 48X

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

25mm x 19mm Viewing Window

SCREEN COLOR

N/A

SCREEN TYPE

N/A

POSITIONING CONTROLS

None

OPTICAL SYSTEMVirtual Image Glass Optics
2.5 Volt Lamp**RATED LAMP LIFE**

15 Hours

POWER REQUIREMENT

2 Standard C Cells

CONSTRUCTION MATERIAL

ABS Plastic

WEIGHT AND DIMENSIONS12 ozs. (with batteries)
5" H, 1 1/2" W, 2 3/4" D**OTHER FEATURES**Row and Column Index
Vinyl Carrying Case
Constant Focus**ACCESSORIES**110 VAC Plug Transformer
Automobile Cigar Lighter Adaptor**WARRANTY PERIOD**

90 Days

LIST PRICE

\$79.50

GSA SCHEDULE

N/A

READER-PRINTER (If applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



3M COMPANY "Executive III" Reader/Printer

MANUFACTURER/DISTRIBUTOR

3M Company

ADDRESS

3M Center
St. Paul, Minnesota 55101

MODEL

"Executive III" Reader/Printer

LENSES AVAILABLE

15X, 20X, or 24X

FICHE SIZES ACCEPTED

Up to 4" x 8"

SCREEN SIZE

12" x 12"

SCREEN COLOR

White

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Index Pointer
Hand Operated Film Holder

OPTICAL SYSTEM

12.5 Volt Lamp

RATED LAMP LIFE

200 Hours

POWER REQUIREMENT

105-125 VAC 60 Hz

CONSTRUCTION MATERIAL

High-Impact Polystyrene Cabinet
Steel Frame

WEIGHT AND DIMENSIONS

50 lbs.
24 1/2" H, 18 1/4" W, 25 1/4" D

OTHER FEATURES

Push-Button Print Operation

ACCESSORIES

Roll Film Attachment

WARRANTY PERIOD

1 Year (Glass Items 90 Days)

LIST PRICE

\$455.00 (Suggested)

GSA SCHEDULE

\$427.70

READER-PRINTER (If applicable)

PROCESS

Dry-Silver

PRINT SPEED

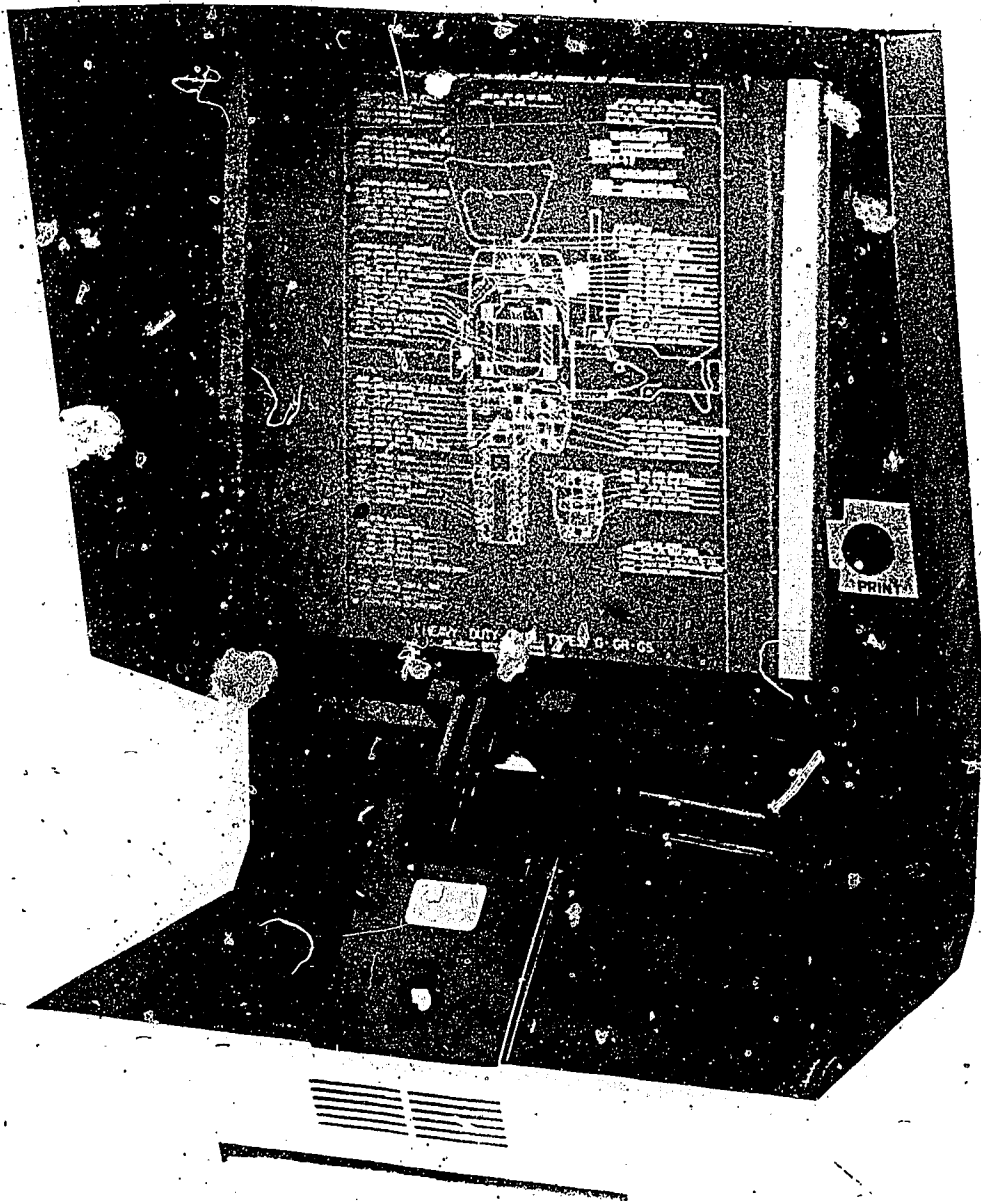
30 Seconds

PRINT SIZE

8 1/2" x 11"

PRINT COST

Dependent on Quantity



3M COMPANY "Executive IV" Reader/Printer

MANUFACTURER/DISTRIBUTOR

3M Company

ADDRESS

3M Center
St. Paul, Minnesota 55101

MODEL

"Executive IV" Reader/Printer

LENSES AVAILABLE

20X, 24X, or 32X

FICHE SIZES ACCEPTED

Up to 4" x 8"

SCREEN SIZE

14" x 12"

SCREEN COLOR

Blue

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Index Pointer
Hand Operated Film Holder

OPTICAL SYSTEM

17.5 Volt Lamp (75 Watt)

RATED LAMP LIFE

250 Hours

POWER REQUIREMENT

105-125 VAC 60 Hz

CONSTRUCTION MATERIAL

High-Impact Polystyrene Cabinet
Steel Frame

WEIGHT AND DIMENSIONS

150 lbs.
24 1/2" H, 18 1/4" W, 25 1/2" D

OTHER FEATURES

Pushbutton Print Operation

ACCESSORIES

Roll Film Attachment

WARRANTY PERIOD

1 Year (Glass Items 90 Days)

LIST PRICE

\$680.00 (Suggested)

GSA SCHEDULE

\$639.20

READER-PRINTER (If applicable)

PROCESS

Dry-Silver

PRINT SPEED

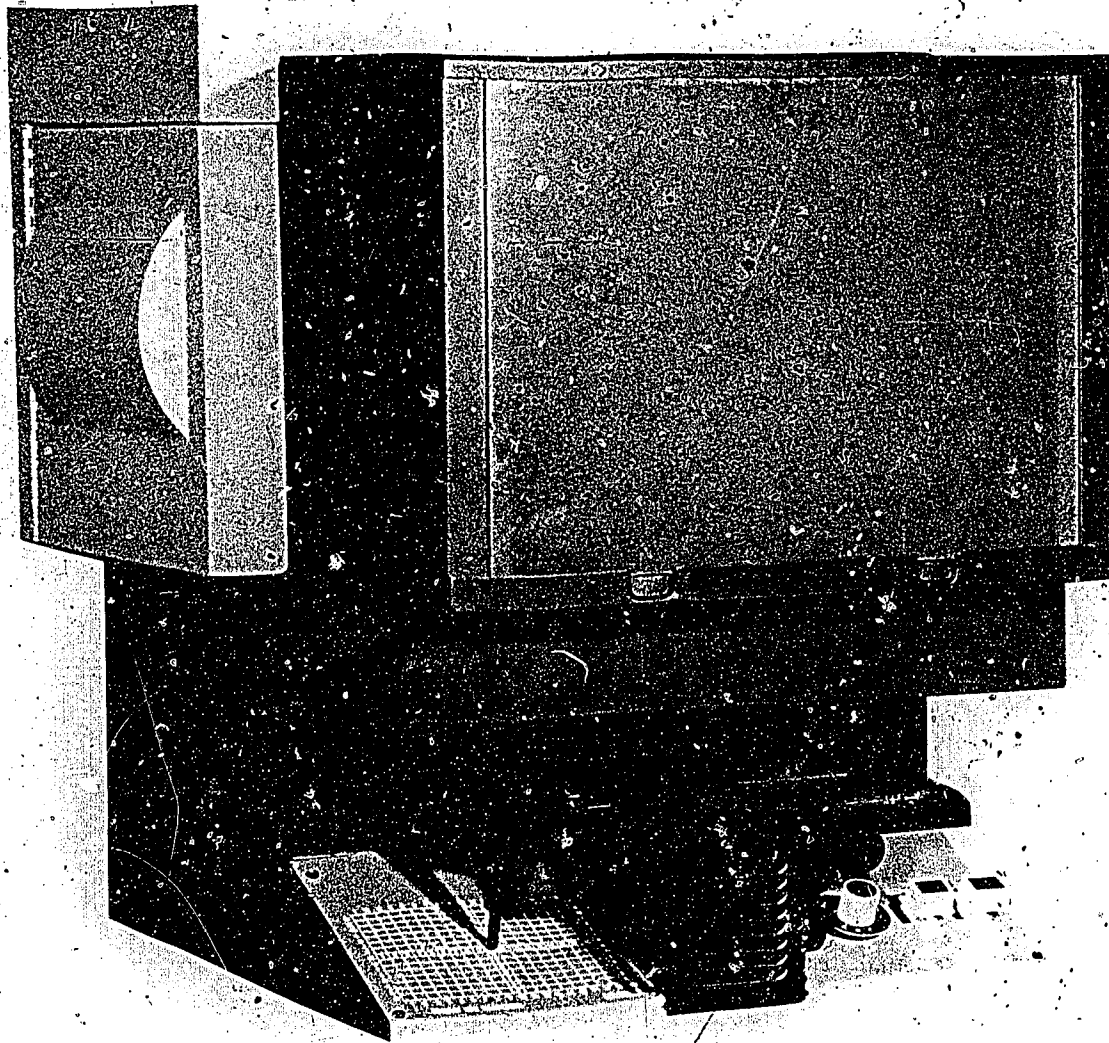
30 Seconds

PRINT SIZE

8 1/2" x 11"

PRINT COST

Dependent on Quantity



3M COMPANY "Miniscan", Viewer/Printer

MANUFACTURER/DISTRIBUTOR

3M Company

ADDRESS

3M Center
St. Paul, Minnesota 55101

MODEL

"Miniscan" Viewer/Printer

LENSES AVAILABLE

48X (Viewing)
36X (Printing)

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

14" x 11"

SCREEN COLOR

Gray (Neutral)

SCREEN TYPE

Nonglare Acrylic

POSITIONING CONTROLS

Hand Operated Film Holder with
Knob Controls

OPTICAL SYSTEM

109 Watt Lamp (at 17.2 Volts)

RATED LAMP LIFE

500 Hours

POWER REQUIREMENT

115 VAC 10 Amps

CONSTRUCTION MATERIAL

Steel Cabinet
Plastic and Aluminum

WEIGHT AND DIMENSIONS

104 lbs.
24 1/2" H, 21 1/4" W, 9 1/4" D

OTHER FEATURES

ACCESSORIES

None

WARRANTY PERIOD

1 Year (Glass Items 90 Days)

LIST PRICE

Not Available

GSA SCHEDULE

N/A

READER-PRINTER (If applicable)

PROCESS

Electroconductive

PRINT SPEED

13 Seconds

PRINT SIZE

8 1/2" x 11"

PRINT COST

Dependent on Quantity



3M COMPANY "400F" Reader/Printer

MANUFACTURER/DISTRIBUTOR

3M Company

ADDRESS

3M Center
St. Paul, Minnesota 55101

MODEL

"400F" Reader/Printer

LENSES AVAILABLE

6X, 8X, 10X, 12X, 14X, 15X, 18X, 20X,
23X, 25X, 29X, or 35X

FICHE SIZES ACCEPTED

Up to 8" x 6"

SCREEN SIZE

10" x 11 1/2"

SCREEN COLOR

Blue, Green, or Neutral

SCREEN TYPE

Rear Projection

POSITIONING CONTROLS

Hand Operated Film Holder
Interchangeable Index Grids

OPTICAL SYSTEM

200 Watt Lamp
Variable Lamp Voltage (Exposure)

RATED LAMP LIFE

100 Hours

POWER REQUIREMENT

100-130 VAC 60 Hz

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

120 lbs.
28 1/2" H, 17 1/2" W, 22 3/4" D

OTHER FEATURES

180° Mechanical Image Rotation

ACCESSORIES

Half Sheet/Full Sheet Kit
Narrow Sheet Kit
Filter Assembly
Wide Screen Kit

WARRANTY PERIOD

1 Year (Glass Items 90 Days)

LIST PRICE

\$1,375.00

GSA SCHEDULE

\$1,292.50

READER-PRINTER (If applicable)

PROCESS

Electroconductive

PRINT SPEED

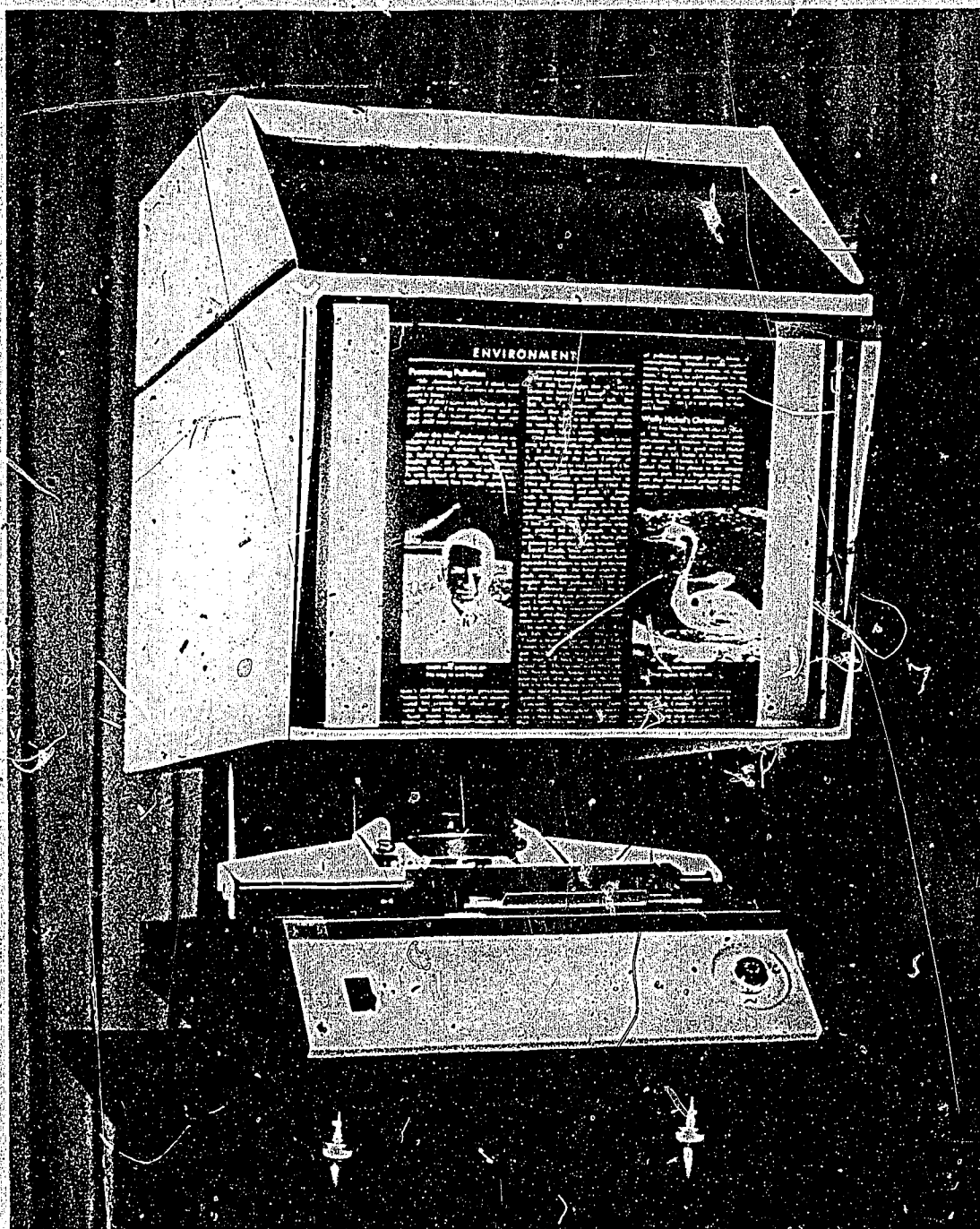
6 Seconds

PRINT SIZE

8 1/2" x 12 1/2"

PRINT COST

Dependent on Quantity



3M COMPANY "500F" Reader/Printer

MANUFACTURER/DISTRIBUTOR

3M Company

ADDRESS

3M Center
St. Paul, Minnesota 55101

MODEL

"500F" Reader/Printer

LENSES AVAILABLE

8X, 10X, 12X, 14X, 15X, 18X, 20X, 23X,
25X, 29X, 35X

FICHE SIZES ACCEPTED

Up to 6" x 6"

SCREEN SIZE

16" x 12"

SCREEN COLOR

Blue, Green, or Neutral

SCREEN TYPE

Rear Projection

POSITIONING CONTROLS

Index Grid Strips (Interchangeable)
Hand Operated Film Holder

OPTICAL SYSTEM

200 Watt Lamp
Variable Lamp Voltage (Exposure)

ESTIMATED LAMP LIFE

100 Hours

POWER REQUIREMENT

100-130 VAC 60 Hz

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

136 lbs.
31 1/2" H, 20 1/4" W, 5 1/4" D

OTHER FEATURES

180° Mechanical Image Rotation

ACCESSORIES

Half Sheet/Full Sheet Kit
Narrow Sheet Fit
Filter Assembly

WARRANTY PERIOD

1 Year (Glass Items 90 Days)

LIST PRICE

\$2,205.00 (Suggested)

GSA SCHEDULE

\$2,072.70

READER-PRINTER (If applicable)

PROCESS

Dry-Silver

PRINT SPEED

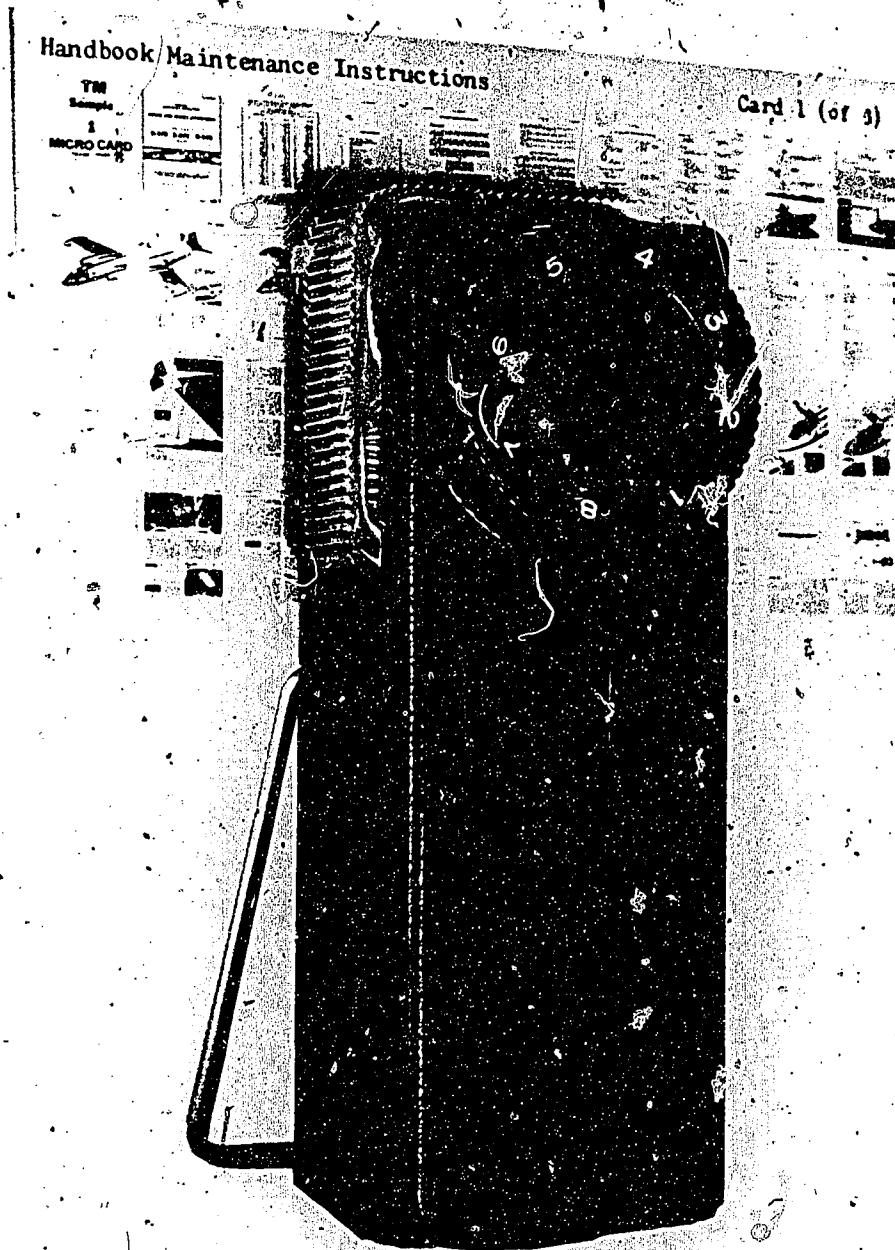
10 Seconds

PRINT SIZE

3 1/2" x 12 1/2"

PRINT COST

Dependent on Quantity



NCR, SYSTEMEDIA DIVISION. Model 456-113 Hand Viewer

MANUFACTURER/DISTRIBUTOR

NCR, Systemedia Division

ADDRESS

1000 Cox Plaza (Suite 540)

3131 S. Dixie Avenue

Dayton, Ohio 45439

MODEL

456-113 Hand Viewer

LENSES AVAILABLE

13X

FICHE SIZES ACCEPTED105mm x 148mm and 3 1/4" x 7 3/8"
(Tab Card Size)**SCREEN SIZE**

N/A

SCREEN COLOR

N/A

SCREEN TYPE

N/A

POSITIONING CONTROLS

Manual Movement

OPTICAL SYSTEM

Graduated Focus Control

RATED LAMP LIFE

N/A

POWER REQUIREMENT

Batteries (For Micro-Opaques).

CONSTRUCTION MATERIAL

High-Impact ABS Plastic

WEIGHT AND DIMENSIONS

8 ozs.

5" H, 2" W, 1 7/8" D

OTHER FEATURES

Maintenance Free

Views Micro-Opaques

ACCESSORIES

None

WARRANTY PERIOD

N/A

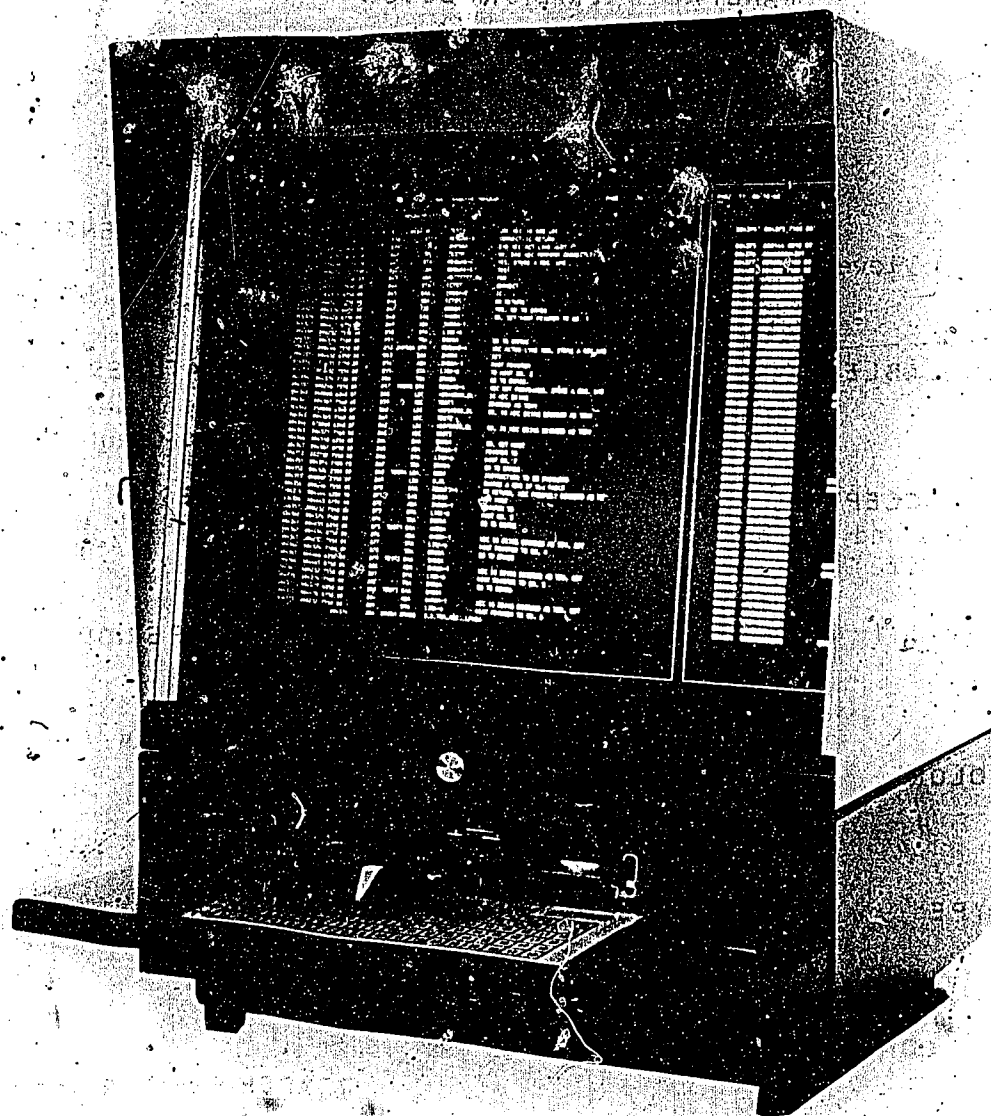
LIST PRICE

\$35.00

GSA SCHEDULE

\$31.50

READER-PRINTER (If applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



NCR; SYSTEMEDIA DIVISION Model 456-200 COM Reader

MANUFACTURER/DISTRIBUTOR

IBM, Systems Division

ADDRESS

1000 Fox Plaza (Suite 500)
3131 S. Dixie Avenue
Dayton, Ohio 45439

MODEL

456-200 FIC Reader

LENSES AVAILABLE

14X, 20X, 42X, or 46X

FICHE SIZES ACCEPTED

105mm x 148mm and 3 1/4" x 7 3/8"
(Full Card Size)

SCREEN SIZE

14 3/4" x 12 1/2"

SCREEN COLOR

Gray, Green, or Blue

SCREEN TYPE

Anti-glare, Rear Projection

POSITIONING CONTROLS

Microfiche Carrier Handle

OPTICAL SYSTEM

100W Quartz Halogen Lamp
Anastigmatic Lenses

RATED LAMP LIFE

350 Hours (High Intensity)
450 Hours (Low Intensity)

POWER REQUIREMENT

115 VAC 60 Hz UL Approved
(Also 220 VAC)

CONSTRUCTION MATERIAL

Steel Cabinet
Aluminum Fiche Carrier

WEIGHT AND DIMENSIONS

46 lbs.
21 1/2" H, 17" W, 17 1/2" D

OTHER FEATURES

Nationwide Service, Free, with
Light Switch, Magnetic Index Drive

ACCESSORIES

Double Fiche Carrier,
Interchangeable Lenses

WARRANTY PERIOD

90 Days

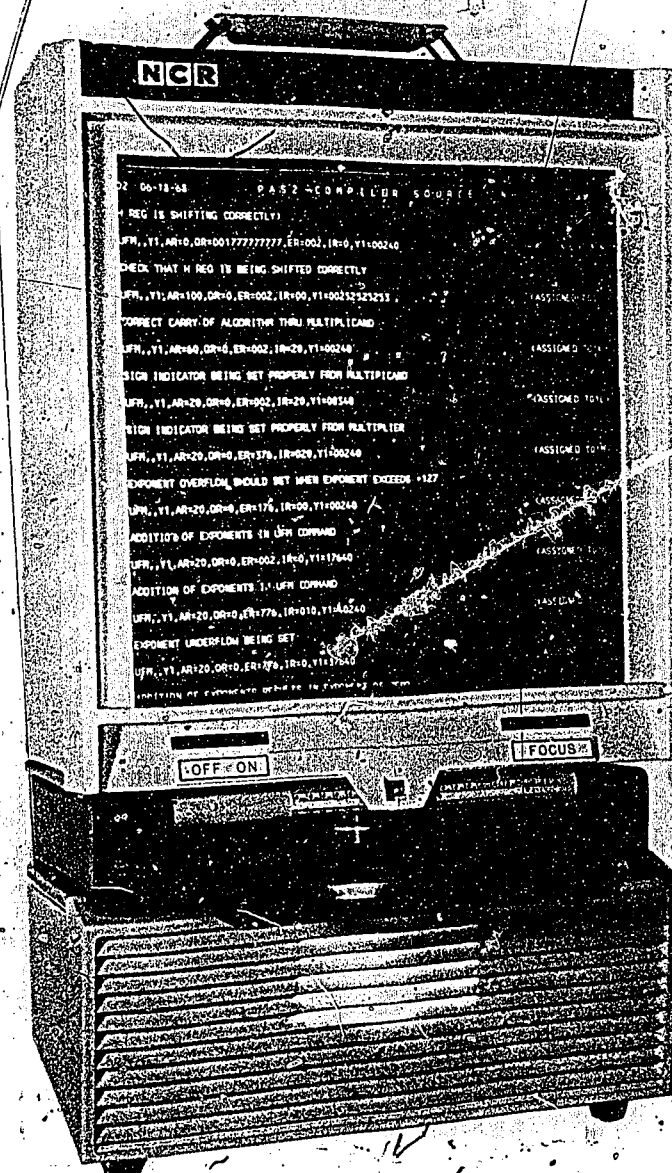
LIST PRICE

456-200 w/42X lens - \$1100.00
456-200 w/46X lens - \$1200.00

GSA SCHEDULE

456-200 w/42X lens - \$1100.00
456-200 w/46X lens - \$1200.00

READER-PRINTER (If applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



NCR SYSTEMS MEDIA DIVISION Model 456-300 Portable Reader

MANUFACTURER/DISTRIBUTOR

NCR, Systemedia Division

ADDRESS1000 Cox Plaza (Suite 540)
3131 S. Dixie Avenue
Dayton, Ohio 45439**MODEL**

456-300 Portable Reader

WEIGHT AND DIMENSIONS27 lbs.
23" H, 13" W, 9" D**LENSES AVAILABLE**

18X, 24X, 30X, or 36X

OTHER FEATURESNationwide Service
Index Grids
Two Position Light Switch
ACCESSORIES**FICHE SIZES ACCEPTED**105mm x 148mm and 3 1/4" x 7 3/8"
(Tab Card Size)Interchangeable Lenses
12V DC Power Option (Auto)**SCREEN SIZE**

10.2" x 10.5"

WARRANTY PERIOD

90 Days

SCREEN COLOR

Gray, Blue, or Green

LIST PRICE

\$225.00

SCREEN TYPE

Antiglare, Rear Projection

GSA SCHEDULE

\$198.00

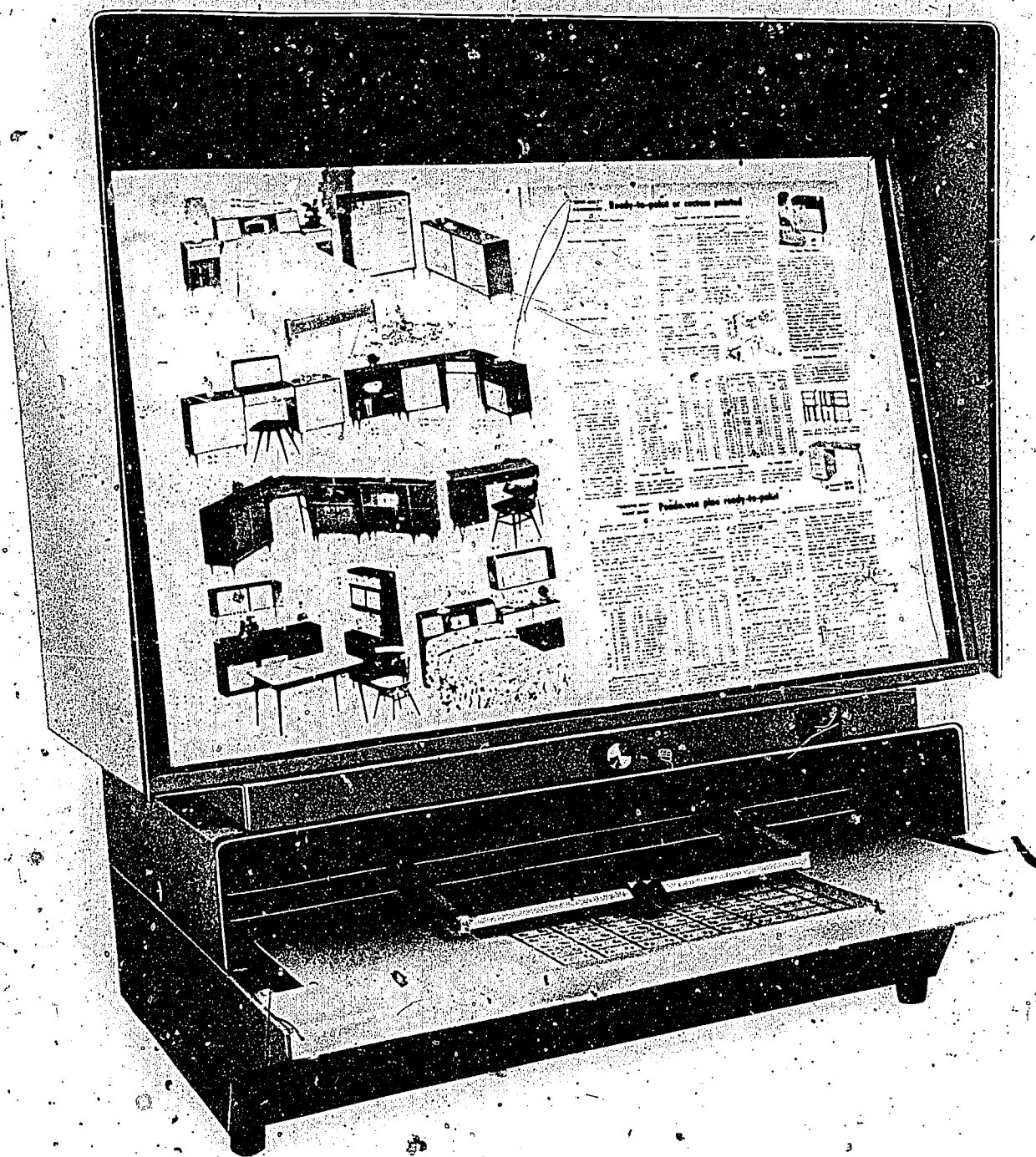
POSITIONING CONTROLS

Carrier Handle

READER-PRINTER (If applicable)**OPTICAL SYSTEM**Quartz Halogen Lamp
Constant Focus**PROCESS****RATED LAMP LIFE**350 Hours (High Intensity)
450 Hours (Low Intensity)**PRINT SPEED****POWER REQUIREMENT**

115 VAC 60 Hz UL Approved

PRINT SIZE**CONSTRUCTION MATERIAL**High-Impact Plastic, Aluminum Fiche
Carrier**PRINT COST**



NCR, SYSTEMEDIA DIVISION Model 456-800

MANUFACTURER/DISTRIBUTOR

WPA, Springfield Division

ADDRESS

1000 Fox Plaza (Suite 510)
3131 E. Dixie Avenue
Dayton, Ohio 45439

MODEL

450-400

LENSES AVAILABLE

17X, 24X, 42X, or 48X

FICHE SIZES ACCEPTED

105mm x 140mm or 3 1/4" x 7 3/8" (Tab
Card Size)

SCREEN SIZE

10 3/4" x 13 5/16"

SCREEN COLOR

Green, Gray, or Blue

SCREEN TYPE

Anti-lare, Rear Projection

POSITIONING CONTROLS

Fingertip with X-Y Indexing

OPTICAL SYSTEM

Anastigmatic, Diamond-Ground Lenses

RATED LAMP LIFE

350 Hours (High Intensity)
450 Hours (Low Intensity)

POWER REQUIREMENT

115 VAC 60 Hz UL Approved

CONSTRUCTION MATERIAL

Steel Cabinet

WEIGHT AND DIMENSIONS

52 lbs.
33" H, 21" W, 20" D

OTHER FEATURES

Nationwide Service

ACCESSORIES

Dual Fiche Carrier

WARRANTY PERIOD

90 Days

LIST PRICE

\$295.00

GSA SCHEDULE

\$265.00

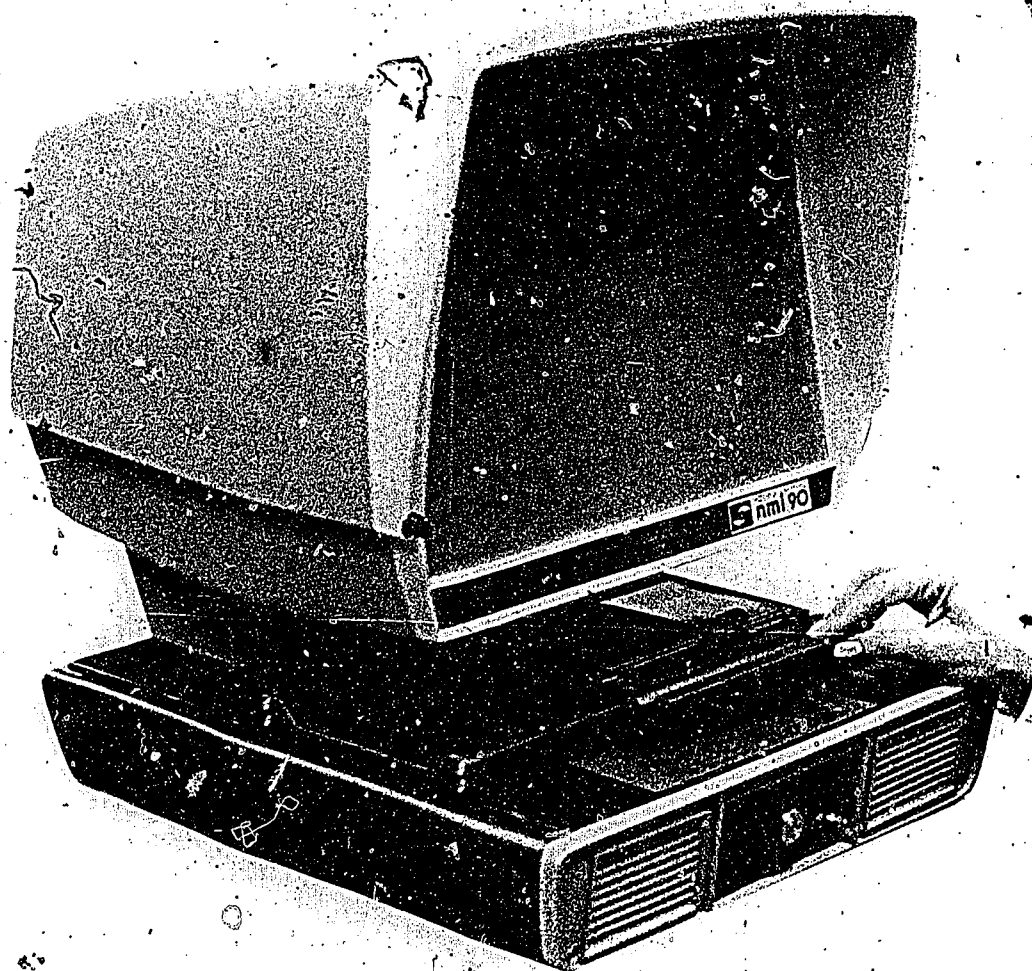
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



NORTHWEST MICROFILM, INC. Model NMI 90

MANUFACTURER/DISTRIBUTOR

Northwest Microfilm, Inc.

ADDRESS

15 North 8th Street
Minneapolis, Minnesota 55403

MODEL

NMI 90

LENSES AVAILABLE

24X, 42X, or 48X

FICHE SIZES ACCEPTED

Up to 4" x 7 3/8"

SCREEN SIZE

13" x 10 1/2"

SCREEN COLOR

Blue

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Fingertip Controlled Glass Platen

OPTICAL SYSTEM

150W Quartz Halogen Lamp
Dichroic Heat Filter

RATED LAMP LIFE

200-800 Hours
(Depending on Light Intensity)

POWER REQUIREMENT

115 VAC 60 Hz

CONSTRUCTION MATERIAL

Aluminum and Extruded Plastic

WEIGHT AND DIMENSIONS

25 lbs.
19" H, 14 1/2" W, 17 1/2" D

OTHER FEATURES

Self Opening Carrier, Variable
Light Intensity, Interchangeable
Floating Lens

ACCESSORIES

Dual 4" x 6" Fiche Carrier

WARRANTY PERIOD

6 Months

LIST PRICE

\$199.00 FOB (Available Dec 73)

GSA SCHEDULE

N/A

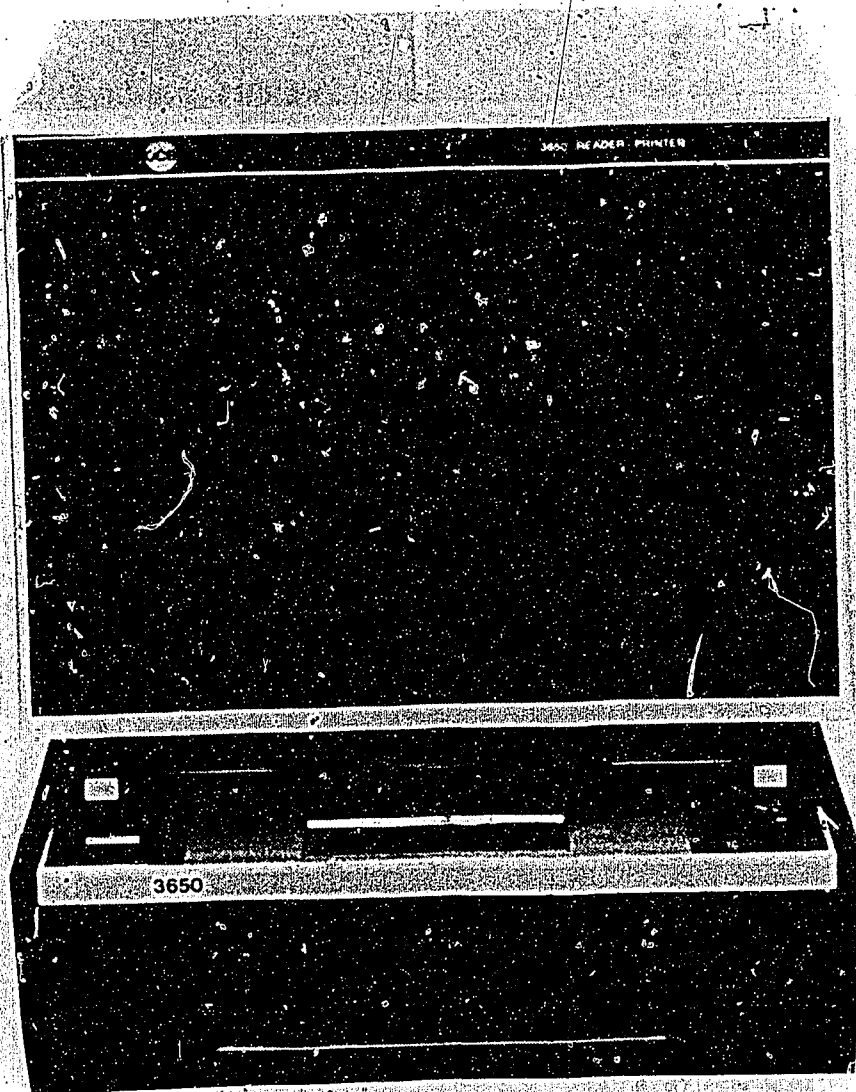
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



OCE' - INDUSTRIES INC. Model 3650 Reader/Printer

MANUFACTURER/DISTRIBUTOR

Oce' - Industries Inc.

ADDRESS

Repro Systems Division
6500 N. Lincoln Avenue
Chicago, Illinois 60645

MODEL

6050 Reader/Printer

LENSES AVAILABLE

18X, 24X, 32X, 36X, or 42X
(Operator Interchangeable.)

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

12" x 12"

SCREEN COLOR

Green Tint

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Manual Fingertip
X-Y Coordinate Grids

OPTICAL SYSTEM

"Floating" 6-Element Lenses
Quartz Halogen Lamp

RATED LAMP LIFE

200-500 Hours

POWER REQUIREMENT

115 VAC 60 Hz 8 Amps

CONSTRUCTION MATERIAL

Metal and Plastic

WEIGHT AND DIMENSIONS

120 lbs.
24" H, 19" W, 36" D

OTHER FEATURES

180° Mechanical Image Rotation

ACCESSORIES

Stand, Polarity Control,
Copy Counter

WARRANTY PERIOD

1 Year

LIST PRICE

\$1,470.00 (FOB)

GSA SCHEDULE

\$1,395.00

READER-PRINTER (If applicable)

PROCESS

Electrostatic

PRINT SPEED

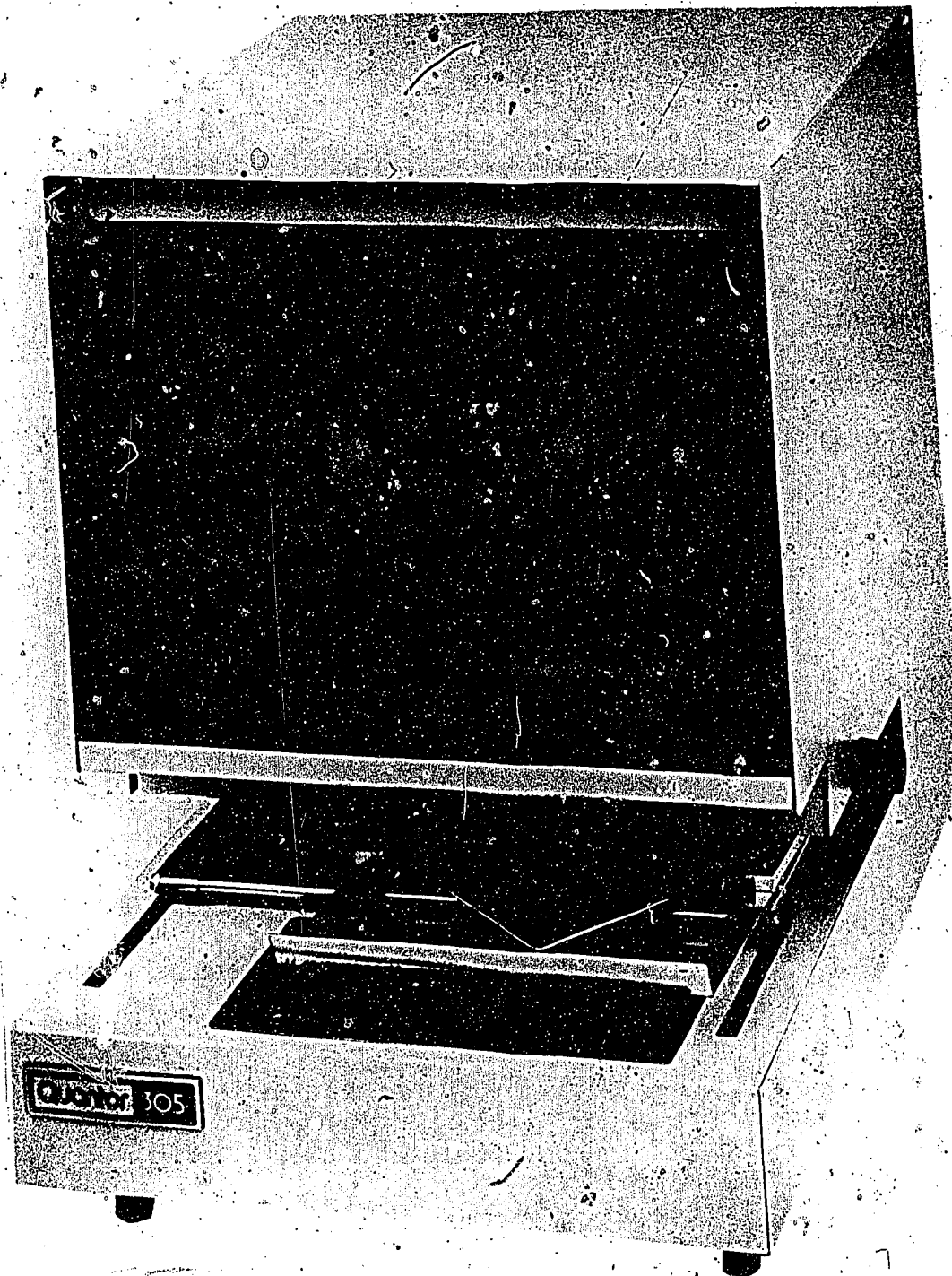
1st Copy - 8.5 Seconds
Additional Copies - 4 Seconds

PRINT SIZE

8" x 8 1/2" or 8 1/2" x 11"

PRINT COST

\$0.04 (8 1/2" x 11")



QUANTOR CORPORATION Model 305

MANUFACTURER/DISTRIBUTOR

Quantor Corporation

ADDRESS

520 Logue Avenue
Mountain View, California 94040

MODEL

Quantor 305

WEIGHT AND DIMENSIONS

25 lbs.

17" H, 12" W, 18 1/2" D

LENSES AVAILABLE

10X or 32X

OTHER FEATURES

X-Y Index Plate

FICHE SIZES ACCEPTED

105mm x 148mm

ACCESSORIES

Dual 4" x 12" Fiche Carrier

SCREEN SIZE

11" x 8 1/2"

WARRANTY PERIOD

90 Days (Parts and Labor)

SCREEN COLOR

Blue or Green

LIST PRICE

\$175.00

SCREEN TYPE

Nonglare, Rear Projection

GSA SCHEDULE

N/A

POSITIONING CONTROLS

Bar Fingertip Frame Selector

READER-PRINTER (If applicable)

OPTICAL SYSTEM

Constant Focus Floating Lens
Quartz Halogen Lamp

PROCESS

RATED LAMP LIFE

1000 Hours

PRINT SPEED

POWER REQUIREMENT

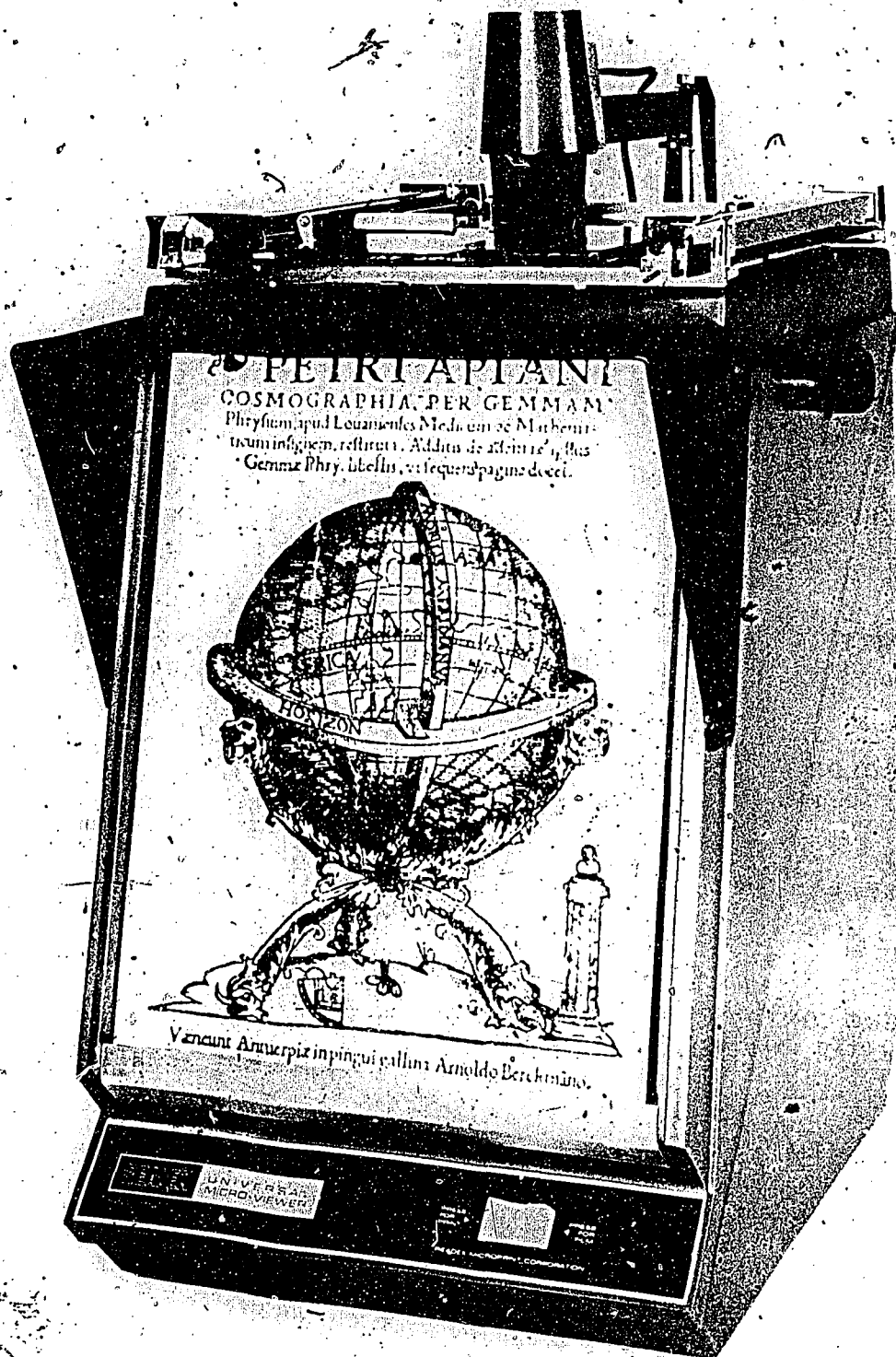
110-120 VAC 50/60 Hz, 100 Watts

PRINT SIZE

CONSTRUCTION MATERIAL

Steel and Aluminum

PRINT COST



READEX MICROPRINT CORPORATION Universal Micro-Viewer

MANUFACTURER/DISTRIBUTOR
Readex Microprint Corporation

ADDRESS
101 Fifth Avenue
New York, New York 10003

MODEL
Universal Micro-Viewer

LENSES AVAILABLE
23X

FICHE SIZES ACCEPTED
Up to 6" x 9"

SCREEN SIZE
9 13/16" x 12 3/5"

SCREEN COLOR
Light Green

SCREEN TYPE
Rear Projection

POSITIONING CONTROLS
Manual Glass Flats

OPTICAL SYSTEM
f/1.6 Lens
15W Lamp

RATED LAMP LIFE
500 Hours (Continuous)
100 Hours (On and Off)

POWER REQUIREMENT
115 VAC 60 Hz

CONSTRUCTION MATERIAL
Molded Thermoplastic

WEIGHT AND DIMENSIONS
24 lbs.
22 3/4" H, 11 1/4" W, 20 1/4" D

OTHER FEATURES
Also Reads Micro-Opagues
360° Image Rotation

ACCESSORIES
None

WARRANTY PERIOD
1 Year (Parts)

LIST PRICE
\$295.00

GSA SCHEDULE
N/A

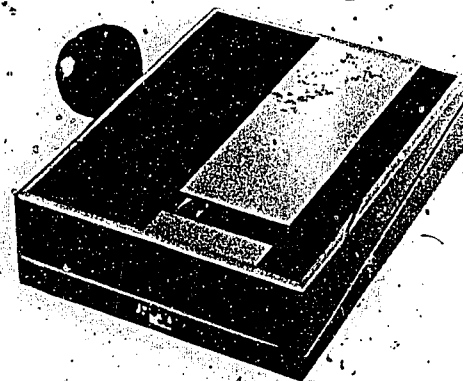
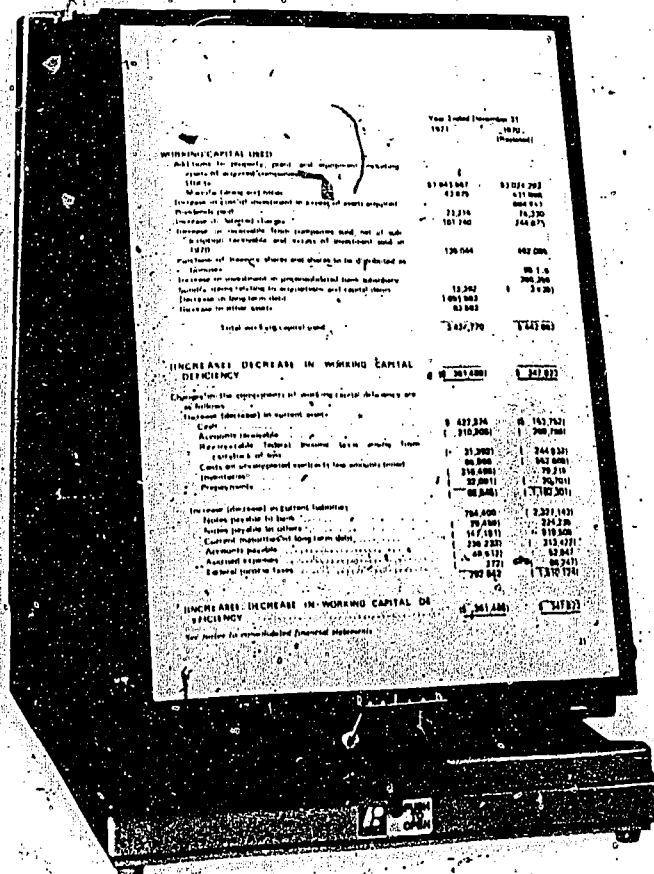
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



REALIST, INC. Compact (3363)

MANUFACTURER/DISTRIBUTOR

Realist, Inc.
Microform Products Division

ADDRESS

N93 W16288 Megal Drive
Menomonee Falls, Wisconsin 53051

MODEL

Compact (3363)

LENSES AVAILABLE

18X/24X Dual Lens (Standard)
32X or 42X (Optional)

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

8" x 11"

SCREEN COLOR

Blue

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

None

OPTICAL SYSTEM

Constant Focus Floating Optical Lens
10W Quartz Halogen Lamp

RATED LAMP LIFE

300 Hours

POWER REQUIREMENT

110, 127, 220, 240 VAC or
6V DC using Standard "D" Batteries

CONSTRUCTION MATERIAL

High-Impact Plastic

WEIGHT AND DIMENSIONS

5 lbs. without "D" Batteries
8 lbs. with 6 "D" Batteries
Closed: 3" H, 9 1/2" W, 12 1/2" D
Open: 14" H, 9 1/2" W, 12 1/2" D

OTHER FEATURES

Converts to Projector, Built-In
Fiche Storage for 250 Fiche

ACCESSORIES

Fiche Carrier
Decora Cover/Carrying Case

WARRANTY PERIOD

1 Year

LIST PRICE

\$99.99

GSA SCHEDULE

\$90.00

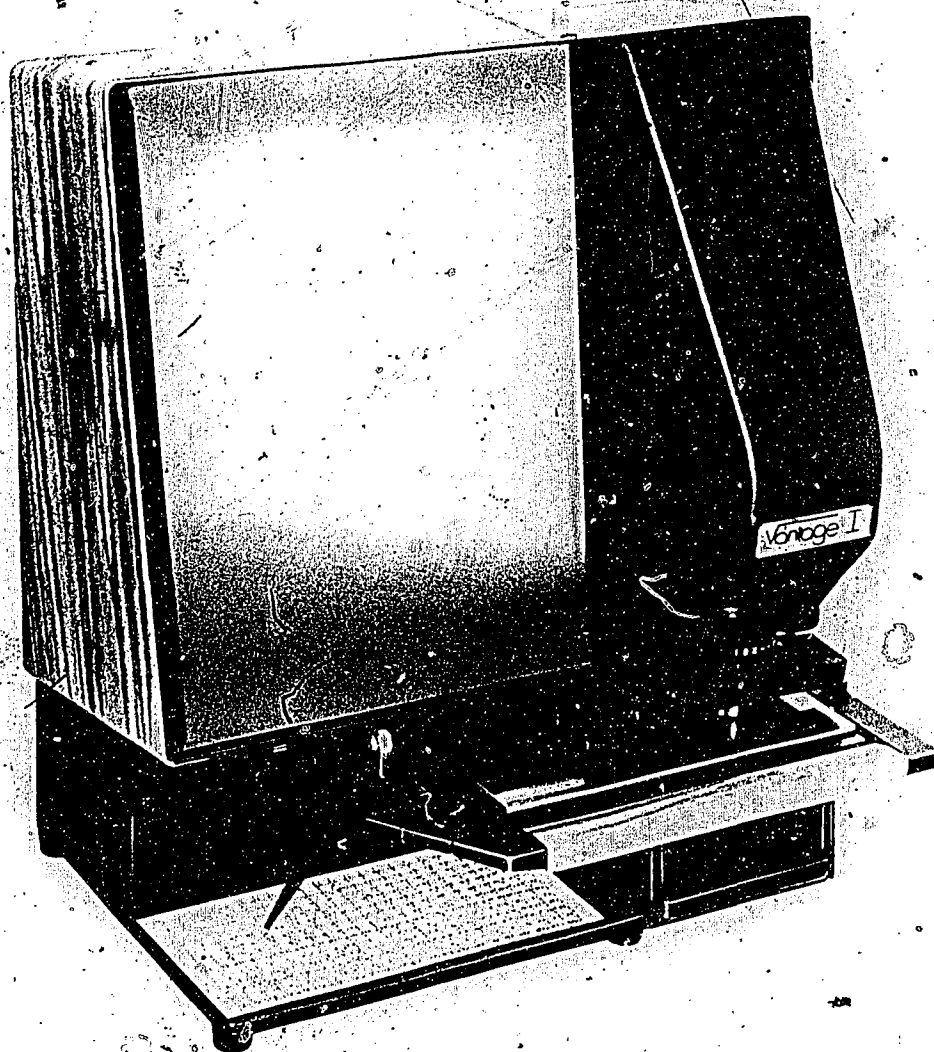
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



REALIST, INC. Vantage I

MANUFACTURER/DISTRIBUTOR

Realist, Inc.
Microform Products Division

ADDRESS

1000 Elgin Metal Drive
Kenosha Falls, Wisconsin 53101

MODEL

Vantare II and
Vantare III

WEIGHT AND DIMENSIONS

25 lbs.
17" x 12" x 9"

LENSES AVAILABLE

A: 10X - 13X D: 14X - 25X H: 36X - 40X
B: 13X - 17X E: 22X - 29X I: 94X - 125X
C: 14X - 22X F: 28X - 36X

FICHE SIZES ACCEPTED

Up to 4" x 8"

OTHER FEATURES

Varifocal Increases Magnification
25X, Drop-In Interchangeable Lenses
Automatic On-Off Switch, 11 Listed

ACCESSORIES

Turntable, Stand, Dust Cover,
Select-Lens Holder, Carrying Case,
Light Shield, Extra Lenses,
Extension Screen

WARRANTY PERIOD

1 Year

SCREEN SIZE

V-1 = 9" x 12" (Vertical)
V-11 = 12" x 9" (Horizontal)

SCREEN COLOR

Gray or Blue

LIST PRICE

\$180.00

SCREEN TYPE

Nonflare, Rear Projection

GSA SCHEDULE

\$155.00

POSITIONING CONTROLS

Stylus Pointer on Grip Bar
Automatic Opening Carrier

READER-PRINTER (If applicable)**OPTICAL SYSTEM**

Constant Focus Floating Lens

PROCESS**RATED LAMP LIFE**

500 Hours

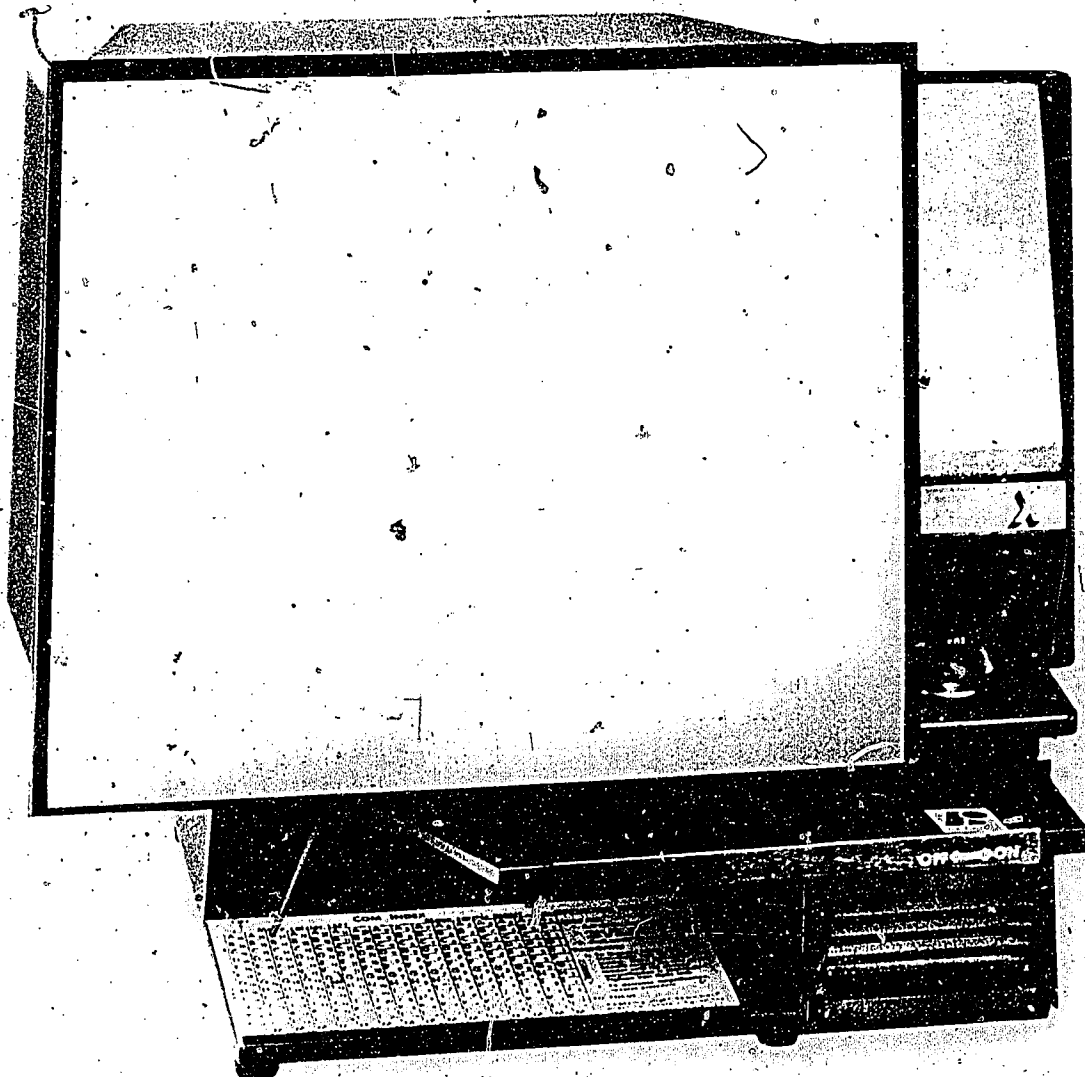
PRINT SPEED**POWER REQUIREMENT**

110/120 VAC 60 Hz
220/240 VAC 50 Hz

PRINT SIZE**CONSTRUCTION MATERIAL**

Steel and Aluminum

PRINT COST



REALIST, INC. Vantage XII

MANUFACTURER/DISTRIBUTOR

Realist, Inc.

Microform Products Division

ADDRESS

N93 W16288 Megal Drive
Menomonee Falls, Wisconsin 53051

MODEL

Vantage X-I and
Vantage X-II

WEIGHT AND DIMENSIONS

28 lbs.
23" H, 15" W, 12" D

LENSES AVAILABLE

A: 12X - 15X D: 23X - 29X G: 45X - 56X
B: 15X - 20X E: 26X - 33X K: 115X - 140X
C: 20X - 25X F: 33X - 42X

FICHE SIZES ACCEPTED

Up to 4" x 8"

OTHER FEATURES

Vari-Optic Increases Magnification
25%, Drop-In Interchangeable Lenses.
Automatic On-Off Switch, "I" and "II"
Listed

ACCESSORIES

Turntable, Stand, Dust Cover,
Select-Lens Holder, Carrying Case,
Extra Lenses

SCREEN SIZE

VX-1 = 11" x 14" (Vertical)
VX-II = 14" x 11" (Horizontal)

WARRANTY PERIOD

1 Year

SCREEN COLOR

Gray or Blue

LIST PRICE

\$210.00

SCREEN TYPE

Nonflare, Rear Projection

GSA SCHEDULE

\$187.00

POSITIONING CONTROLS

Stylus Pointer
Automatic Opening Fiche Carrier

READER-PRINTER (If applicable)

OPTICAL SYSTEM

Constant Focus Floating Lens
Quartz Halogen Lamp

PROCESS

RATED LAMP LIFE

500 Hours

PRINT SPEED

POWER REQUIREMENT

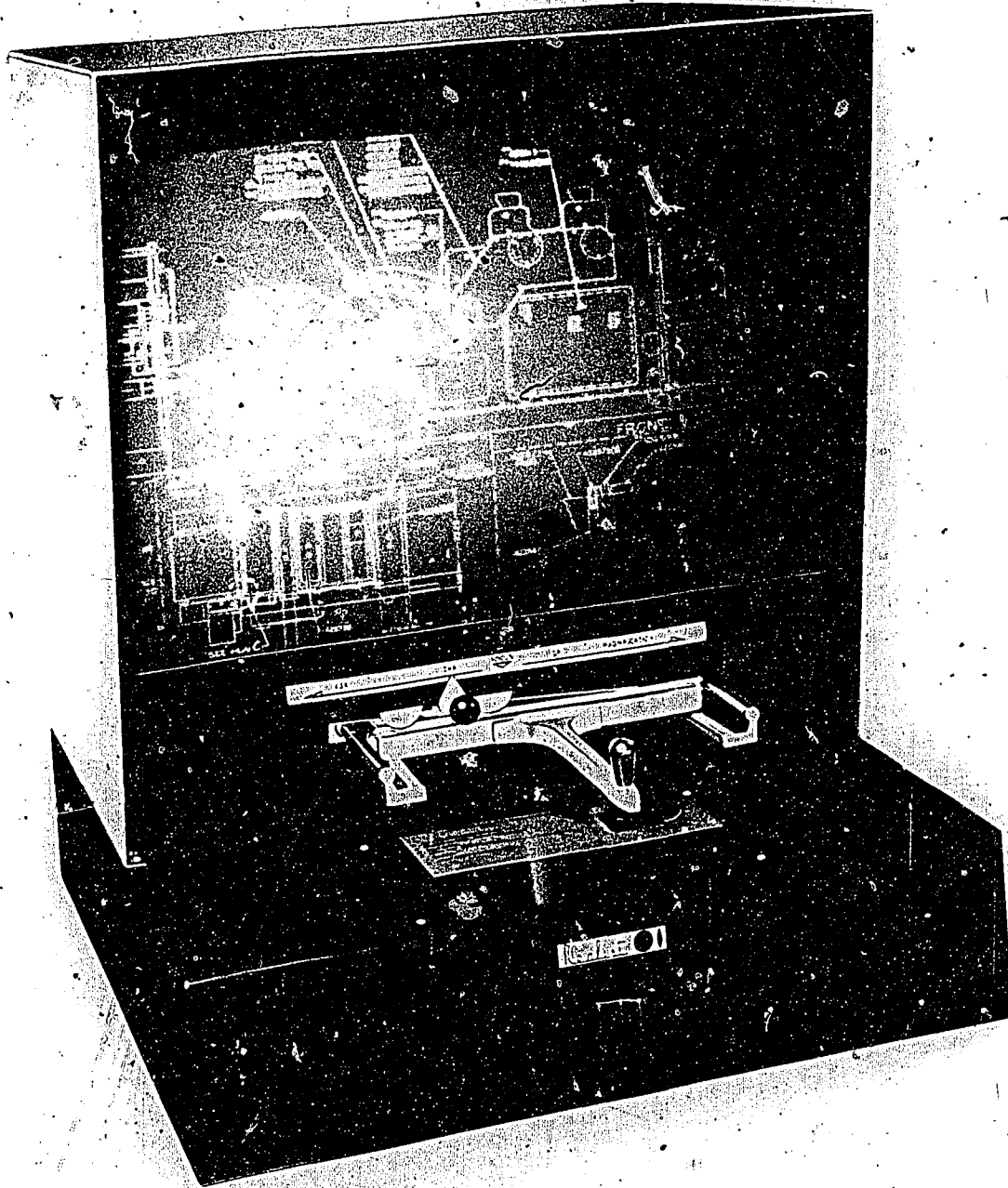
110/120 VAC 60 Hz
220/240 VAC 50 Hz

PRINT SIZE

CONSTRUCTION MATERIAL

Steel and Aluminum

PRINT COST



REALIST, INC. Vanguard

MANUFACTURER/DISTRIBUTOR

Realist, Inc.
Microform Products Division

ADDRESS

N93 W16288 Megal Drive
Menomonee Falls, Wisconsin 53051

MODEL Vanguard

3332 - Single Lens

3334 - Dual Lens

3335 - Tri Lens

LENSES AVAILABLE

3332 - 24X, 27X, 30X, 36X, 42X, 48X or 50X

3334 - 11.5X & 24X, 24X & 42X, or 24X & 48X

3335 - 11.5X & 24X & 42X, or 11.5X & 24X & 48X

FICHE SIZES ACCEPTED

Up to 6" x 8"

SCREEN SIZE

19" x 13"

SCREEN COLOR

Gray or Blue

SCREEN TYPE

Acrylic

Rear Projection

POSITIONING CONTROLS

X-Y Index

Self-Opening Carrier

OPTICAL SYSTEM

Floating Lenses

Quartz Halogen Lamp

RATED LAMP LIFE

175 Hours

POWER REQUIREMENT

110/120 VAC 60 Hz or

220/240VAC 50 Hz

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

65 lbs.

24 1/2" H, 19 1/2" W, 21" D

OTHER FEATURES

Self Contained Multi-Lens System

High-Low Intensity Switch

UL and CSA Listed

ACCESSORIES

Dust Cover, Stand, Turntable,

Quality Image Kit

WARRANTY PERIOD

1 Year

LIST PRICE

3332 - \$299.00

3334 - \$435.00

3335 - \$480.00

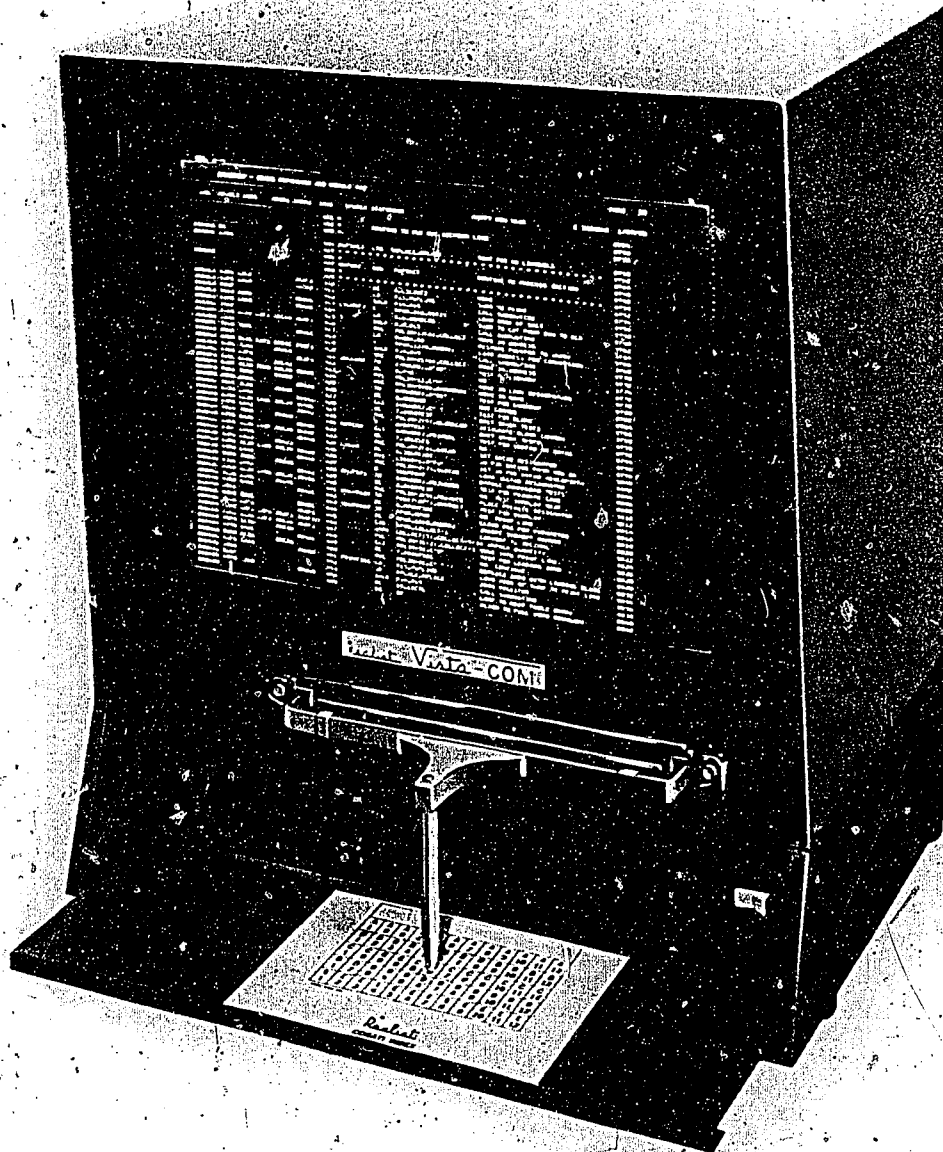
GSA SCHEDULE

3332 - \$255.00

3334 - \$270.00

3335 - \$408.00

READER-PRINTER (If applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



REALIST, INC. Vista-COM

MANUFACTURER/DISTRIBUTOR

Realist, Inc.
Microform Products Division

ADDRESS

N93 W16288 Megal Drive
Menomonee Falls, Wisconsin 53051

MODEL Vista - COM

3340 - Single Lens

3342 - Dual Lens

3343 - Tri Lens

LENSES AVAILABLE

3340 - 24X, 42X, or 48X

3342 - 11.5X & 24X, 24X & 42X, 24X & 48X, or
11.5X & 48X

3343 - 11.5X, 24X, 42X, or 11.5X, 24X, 48X

FICHE SIZES ACCEPTED

Up to 6" x 8"

SCREEN SIZE

19" x 13"

SCREEN COLOR

Gray or Blue

SCREEN TYPE

Acrylic

Rear Projection

POSITIONING CONTROLS

Automatic Opening Fiche Carrier with
Stylus Pointer

OPTICAL SYSTEM

Floating Lens for Constant Focus
Quartz Halogen Lamp

RATED LAMP LIFE

175 Hours

POWER REQUIREMENT

110/120 VAC 60 Hz

220/240 VAC 50 Hz

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

55 lbs.

24" H, 19" W, 14 1/2" D

OTHER FEATURES

Built-in Dust Protector Index
Panel, Hi-Low Intensity Switch,
UL and CSA Listed

ACCESSORIES

Stand, Turntable, Dust Cover,
Quality Image Kit

WARRANTY PERIOD

1 Year

LIST PRICE

3340 - \$330.00

3342 - \$465.00

3343 - \$499.00

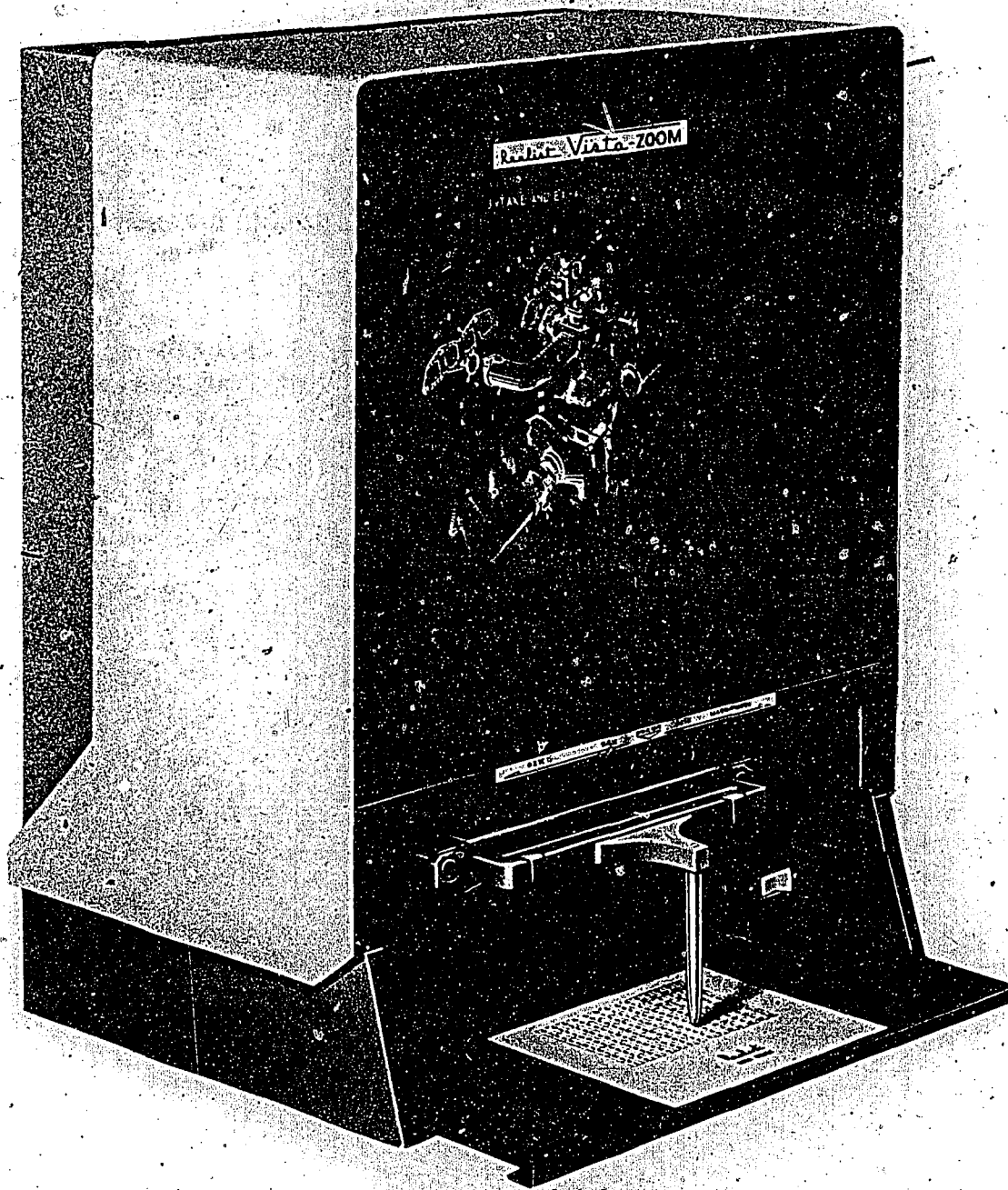
GSA SCHEDULE

3340 - \$280.00

3342 - \$395.00

3343 - \$424.00

READER-PRINTER (If applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



REALIST, INC. Vista-Zoom

MANUFACTURER/DISTRIBUTOR

Realist, Inc.

Microform Products Division

ADDRESSN93 W16288 Megal Drive
Menomonee Falls, Wisconsin 53051**MODEL Vista-Zoom**

3337 - Single Lens

3338 - Dual Lens

3339 - Tri Lens

LENSES AVAILABLE

3337 - 24X, 27X, 30X, 36X, 42X, or 50X

3338 - 11.5X & 24X, 24X & 48X, or 27X & 50X

3339 - 11.5X & 24X & 42X or 14X & 27X & 50X

FICHE SIZES ACCEPTED

Up to 6" x 8"

SCREEN SIZE

19" x 13"

SCREEN COLOR

Gray or Blue

SCREEN TYPE

Acrylic

Rear Projection

POSITIONING CONTROLS

X-Y Indexing with Pointer

Automatic Opening Carrier

OPTICAL SYSTEM

Constant Focus Floating Lens

Quartz Halogen Lamp

RATED LAMP LIFE

175 Hours

POWER REQUIREMENT

110/120 VAC 60 Hz

220/240 VAC 50 Hz

CONSTRUCTION MATERIAL

Steel and Aluminum

WEIGHT AND DIMENSIONS

65 lbs.

22" H, 19" W, 14 1/2" D

OTHER FEATURES

Zoom Screen Increases

Magnification by 25%

ACCESSORIES

Stand, Turntable, Dust Cover,

Quality Image Kit

WARRANTY PERIOD

1 Year

LIST PRICE

3337 - \$449.00

3338 - \$555.00

3339 - \$599.00

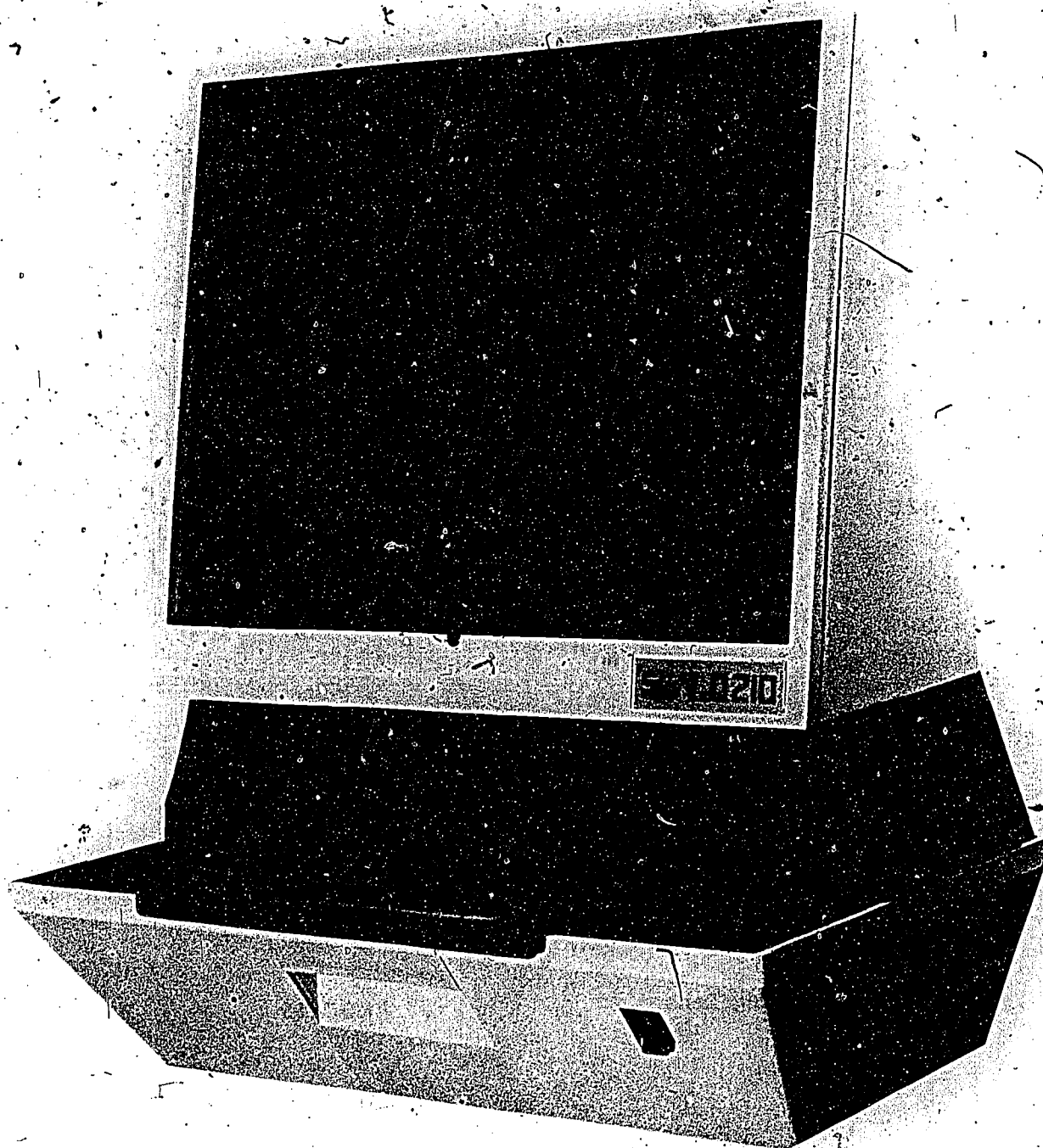
GSA SCHEDULE

3337 - \$382.00

3338 - \$472.00

3339 - \$510.00

READER-PRINTER (If applicable)**PROCESS****PRINT SPEED****PRINT SIZE****PRINT COST**



SEACO COMPUTER-DISPLAY, INC. Model 210

MANUFACTURER/DISTRIBUTOR
SEACO Computer-Display, Inc.

ADDRESS
2800 West Kingsley Road
Garland, Texas 75041

MODEL
SEACO 210

LENSES AVAILABLE
18X, 21X, 32X, or 36X

FICHE SIZES ACCEPTED
Up to 105mm x 148mm

SCREEN SIZE
11" x 8 1/2" or
12" x 9 1/2"

SCREEN COLOR
Blue

SCREEN TYPE
Nonglare, Rear Projection

POSITIONING CONTROLS
Manual X-Y Movement with Locating Grid

OPTICAL SYSTEM
Glass 5-Element Floating Lens

RATED LAMP LIFE
500 Hours Minimum

POWER REQUIREMENT
117 VAC 60 Hz 1 1/2 Amp
220 VAC 50 Hz or 100 VAC 50-60 Hz

CONSTRUCTION MATERIAL
Noryl and Metal

WEIGHT AND DIMENSIONS
12 lbs.
17" H, 13" W, 9" D

OTHER FEATURES
Interchangeable Lenses

ACCESSORIES
Carrying Case
Hood
Dust Cover

WARRANTY PERIOD
90 Days

LIST PRICE
\$169 - \$175

GSA SCHEDULE
N/A

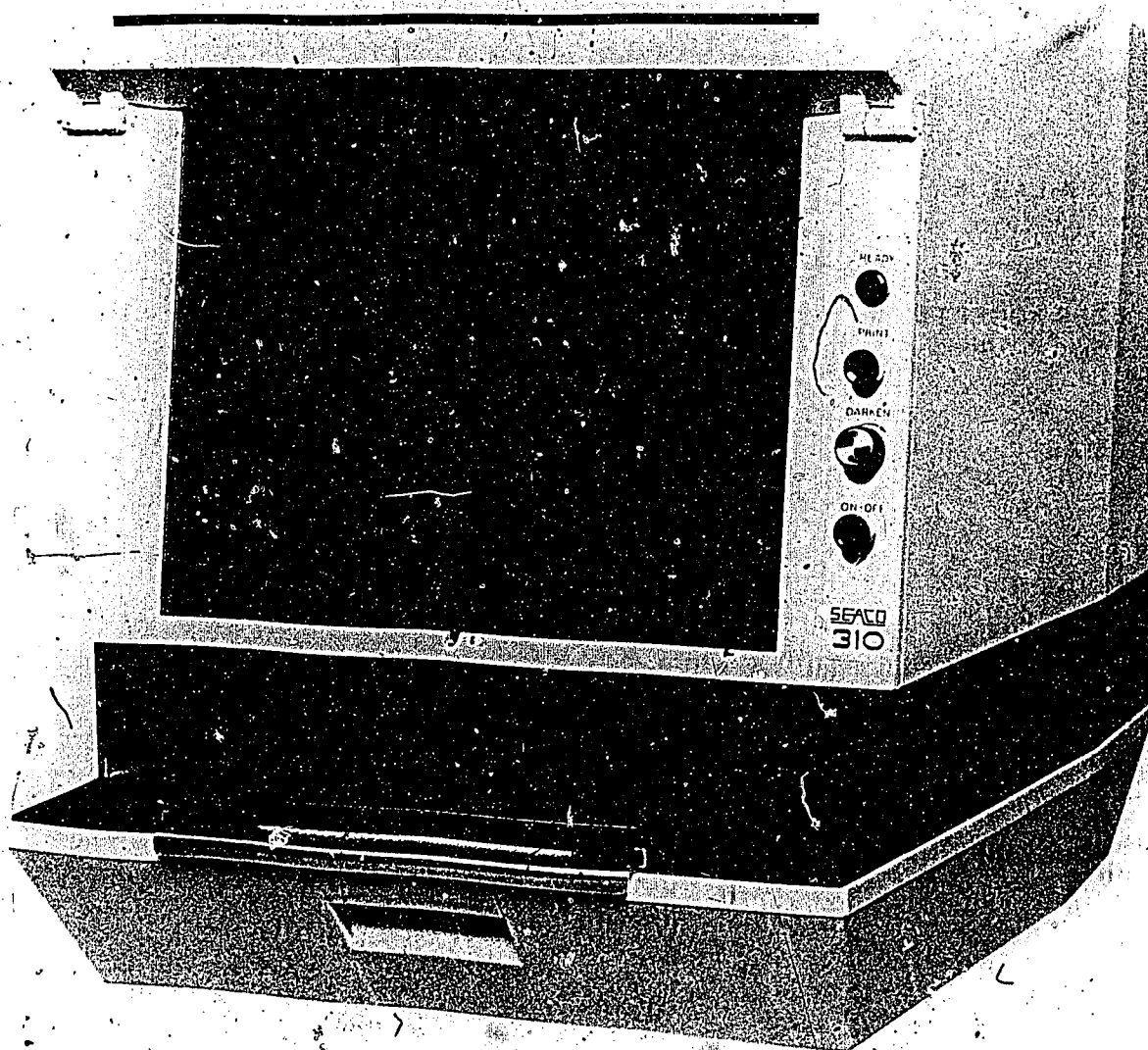
READER/PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



SEACO COMPUTER-DISPLAY, INC. Model 310 Reader/Printer

MANUFACTURER/DISTRIBUTOR
SEACO Computer-Display, Inc.

ADDRESS
2800 West Kingsley Road
Garland, Texas 75041

MODEL

SEACO 310 Reader/Printer

LENSES AVAILABLE

18X or 32X

FICHE SIZES ACCEPTED

Up to 4" x 7 3/8"

SCREEN SIZE

11" x 8 1/2"

SCREEN COLOR

Gray

SCREEN TYPE

Nonglare, Rear Projection

POSITIONING CONTROLS

Manual X-Y with Locating Grid

OPTICAL SYSTEM

Glass 5-Element Floating Lens

RATED LAMP LIFE

500 Hours

POWER REQUIREMENT

117 VAC 60 Hz 3 Amp
220 VAC 50 Hz or 100 VAC 50-60 Hz

CONSTRUCTION MATERIAL

Noryl and Metal

WEIGHT AND DIMENSIONS

65 lbs.
20" H, 18" W, 18" D

OTHER FEATURES

Interchangeable lenses,
Built-in Swivel Base

ACCESSORIES

None >

WARRANTY PERIOD

90 Days

LIST PRICE

\$1495.00

GSA SCHEDULE

N/A

READER-PRINTER (If applicable)

PROCESS

Electrostatic

PRINT SPEED

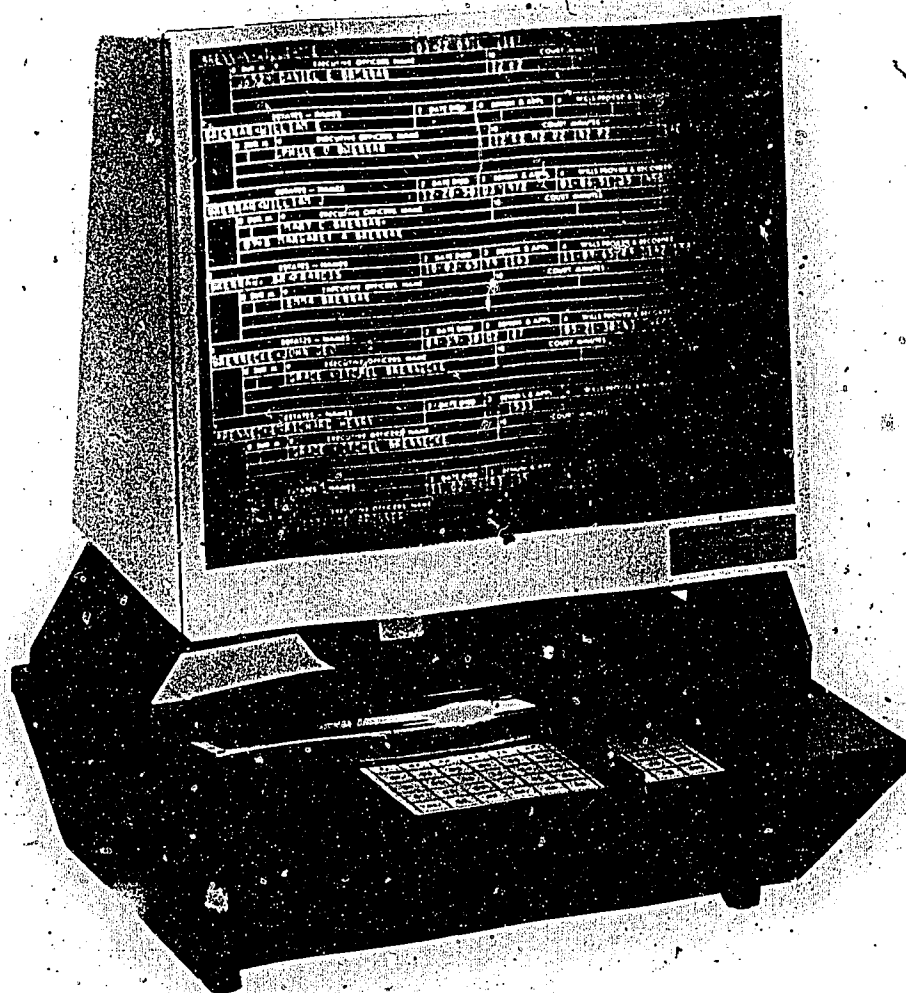
8 Seconds

PRINT SIZE

8 1/2" x 11"

PRINT COST

4-5 Cents



SPERRY REMINGTON Model F-50

MANUFACTURER/DISTRIBUTOR

Sperry Remington, Office Systems Division

ADDRESS

Box 1000
Blue Bell, Pennsylvania 19422

MODEL

F-50 (18X) F-52 (32X)
F-51 (21X) F-53 (36X)

LENSES AVAILABLE

Various (See Model)

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

11" x 8 3/4"

SCREEN COLOR

Blue

SCREEN TYPE

Nonflare, Rear Projection

POSITIONING CONTROLS

Fingertip with X-Y Coordinate Indexing

OPTICAL SYSTEM

150 Watt Quartz Halogen Lamp
Floating Lens

RATED LAMP LIFE

500 Hours

POWER REQUIREMENT

115 VAC 60 Hz

CONSTRUCTION MATERIAL

Plastic

WEIGHT AND DIMENSIONS

12 lbs.
16" H, 13" W, 9" D

OTHER FEATURES

Constant Focus

ACCESSORIES

Screen Extension
Interchangeable Lenses

WARRANTY PERIOD

90 Days

LIST PRICE

\$185 - \$190 (Depending on
Magnification)

GSA SCHEDULE

\$165 - \$170

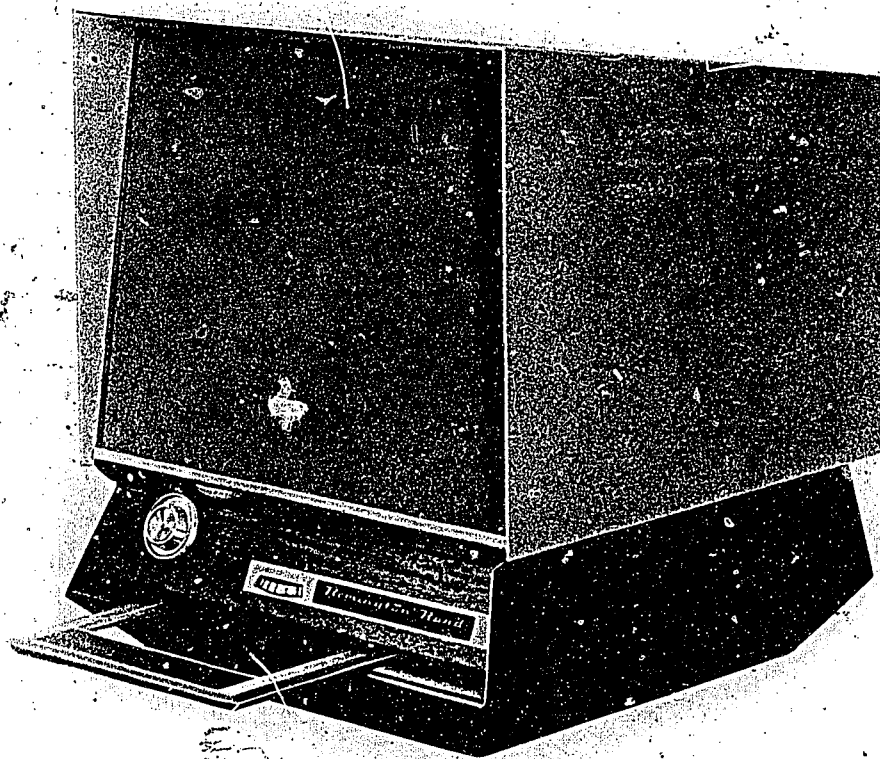
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



SPERRY REMINGTON Model F-450

MANUFACTURER/DISTRIBUTOR
Sperry Remington, Office Systems Division

ADDRESS
Box 1000
Blue Bell, Pennsylvania 19422

MODEL
F-450

WEIGHT AND DIMENSIONS
35 lbs.
17 1/2" H, 16" W, 15" D

LENSES AVAILABLE
18X or 24X

OTHER FEATURES
Auto-Opening Glass Flats

FICHE SIZES ACCEPTED
105mm x 148mm and
Tab Card Size

ACCESSORIES
--

SCREEN SIZE
14" x 11"

WARRANTY PERIOD
6 Months

SCREEN COLOR
Blue

LIST PRICE
\$279.00

SCREEN TYPE
Rear Projection

GSA SCHEDULE
N/A

POSITIONING CONTROLS
Fingertip

READER-PRINTER (If applicable)

OPTICAL SYSTEM
Four-Position Variable Illumination

PROCESS

RATED LAMP LIFE
350 Hours

PRINT SPEED

POWER REQUIREMENT
115 VAC 50-60 Hz 150 Watts

PRINT SIZE

CONSTRUCTION MATERIAL
Metal

PRINT COST



SPERRY REMINGTON Model F-57

MANUFACTURER/DISTRIBUTOR
Sperdy Remington, Office Systems Division

ADDRESS
Box 1000
Blue Bell, Pennsylvania 19422

MODEL

R57 and R58

WEIGHT AND DIMENSIONS

59 lbs.
24 1/2" H, 19 3/4" W, 20 7/8" D

LENSES AVAILABLE

2 1/2" or 1 1/2"

OTHER FEATURES

Index Pointer

FICHE SIZES ACCEPTED

Up to 6" x 8"

ACCESSORIES

--

SCREEN SIZE

14" x 14"

WARRANTY PERIOD

90 Days

SCREEN COLOR

Gray

LIST PRICE

\$369.00

SCREEN TYPE

Rear Projection

GSA SCHEDULE

H/A

POSITIONING CONTROLS

Motor Frame Selector

READER-PRINTER (If applicable)

OPTICAL SYSTEM

High Halogen Lamp with Cooling Fan

PROCESS

RATED LAMP LIFE

350 Hours

PRINT SPEED

POWER REQUIREMENT

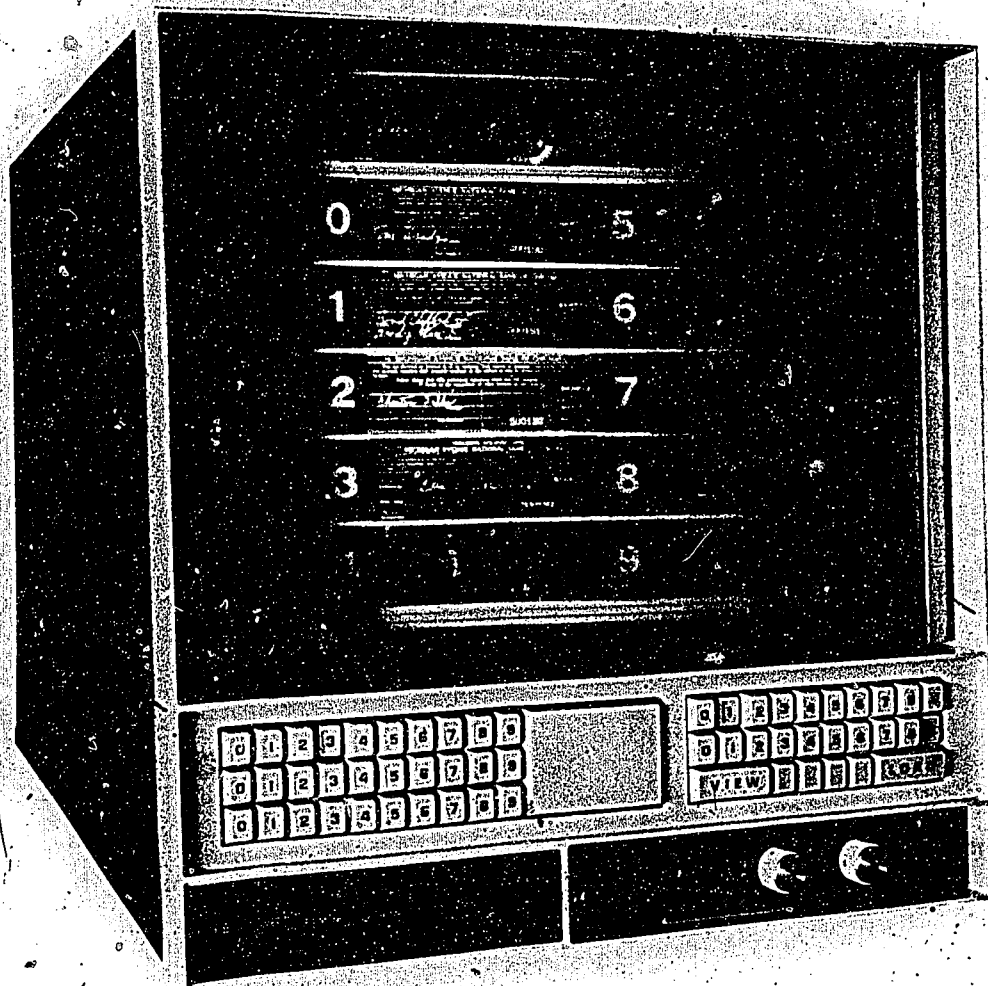
110-120 VAC 60 Hz

PRINT SIZE

CONSTRUCTION MATERIAL

Steel

PRINT COST



SPERRY REMINGTON REMKARD-F201

MANUFACTURER/DISTRIBUTOR
Sperry Remington, Office Systems Division

ADDRESS
Box 1000
Blue Bell, Pennsylvania 19422

MODEL
REWARD-F201

WEIGHT AND DIMENSIONS
93 lbs.
19 3/8" H, 18 1/2" W, 25 1/2" D

LENSES AVAILABLE
20X, 24X, 26X, 32X or
42X

OTHER FEATURES
Automatic Retrieval

FICHE SIZES ACCEPTED
105mm x 148mm (specially clipped)

ACCESSORIES
Computer Interface

SCREEN SIZE
18" x 12"

WARRANTY PERIOD
6 Months

SCREEN COLOR
Gray

LIST PRICE
Not Available

SCREEN TYPE
Rear Projection

GSA SCHEDULE
\$4,322.50 (42X Extra)

POSITIONING CONTROLS
Push Button

READER-PRINTER (If applicable)

OPTICAL SYSTEM
Quartz Iodine Lamp
Infrared Filter

PROCESS

RATED LAMP LIFE
350 Hours

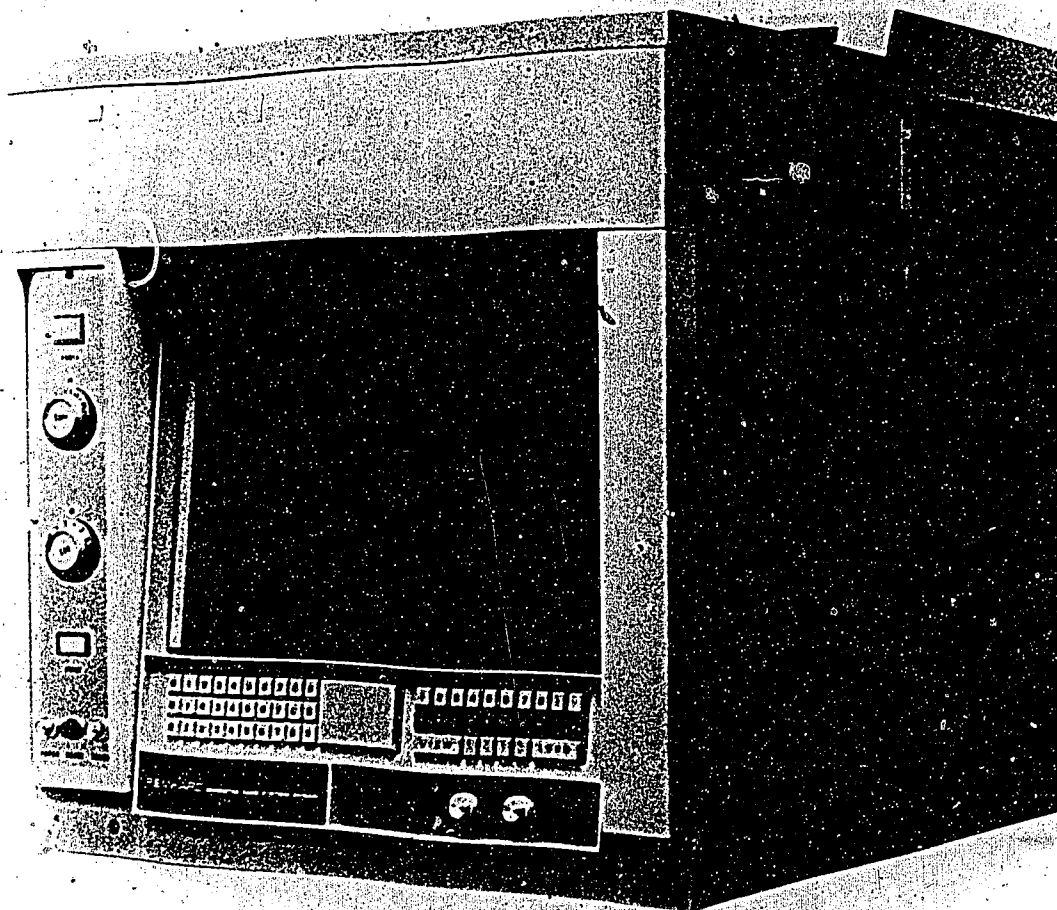
PRINT SPEED

POWER REQUIREMENT
110 VAC 60 Hz

PRINT SIZE

CONSTRUCTION MATERIAL
Steel and Plastic

PRINT COST



SPERRY REMINGTON REMKARD-F201.1 (Reader Printer)

MANUFACTURER/DISTRIBUTOR
Sperry Remington, Office Systems Division

ADDRESS
Box 1000
Blue Bell, Pennsylvania 19422

MODEL

RENEARD-F201.1 (Reader Printer)

LENSES AVAILABLE

20X, 24X, 26X, or 32X

FICHE SIZES ACCEPTED

105mm x 148mm (specially clipped).

SCREEN SIZE

18" x 12"

SCREEN COLOR

Gray

SCREEN TYPE

Rear Projection

POSITIONING CONTROLS

Push Button

OPTICAL SYSTEM

Quartz Iodine Lamp
Infrared Filter

RATED LAMP LIFE

350 Hours

POWER REQUIREMENT

115 VAC 60 Hz

CONSTRUCTION MATERIAL

Steel

WEIGHT AND DIMENSIONS

348 lbs.

30 1/2" H, 26" W, 31" D

OTHER FEATURES

Automatic Retrieval

ACCESSORIES

Computer Interface

WARRANTY PERIOD

90 Days

LIST PRICE

Not Available

GSA SCHEDULE

N/A

READER-PRINTER (If applicable)

PROCESS

Electro Photographic

PRINT SPEED

1st Print - 11 Seconds

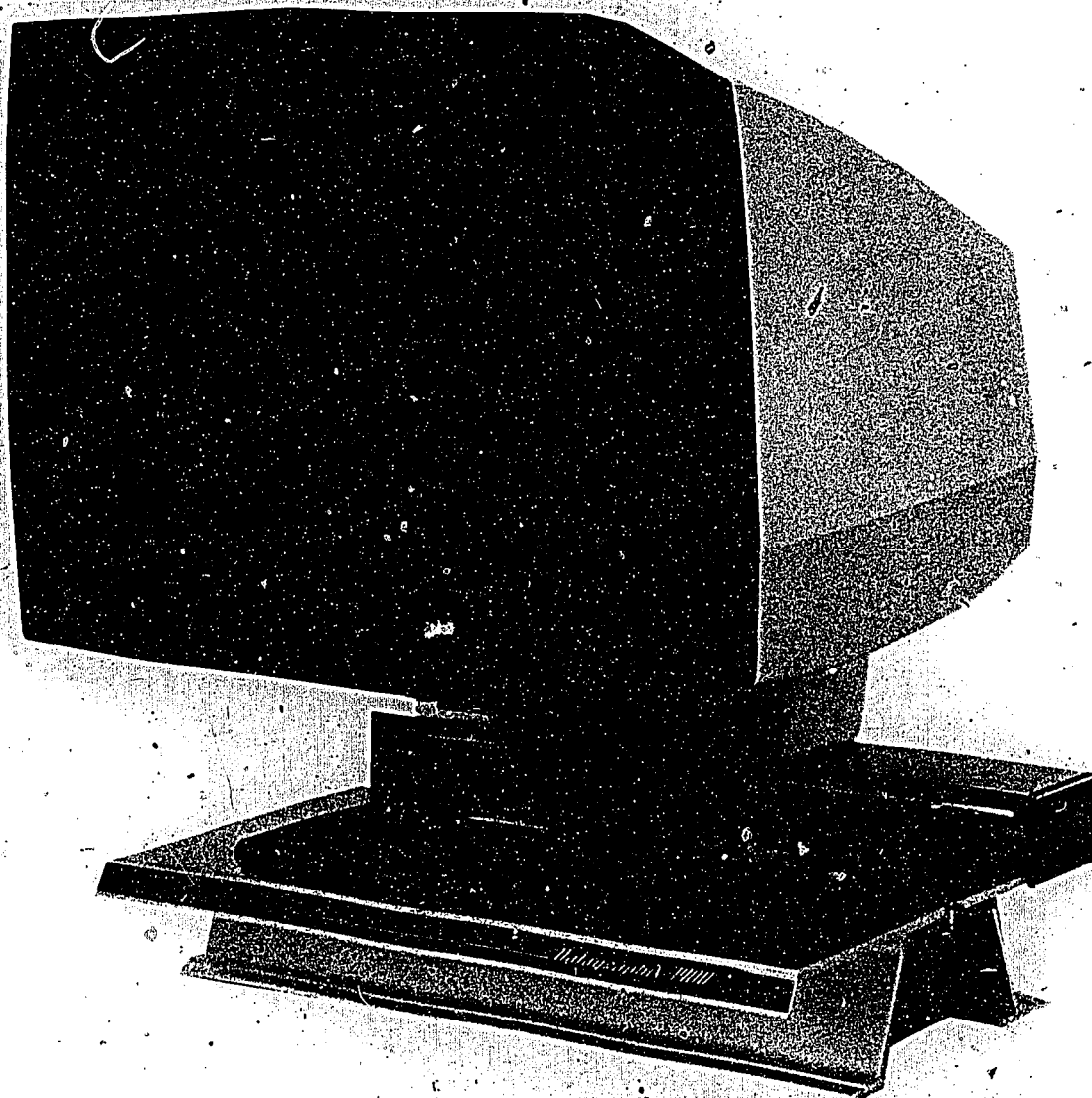
Additional Prints - 4 Seconds

PRINT SIZE

8 1/2" x 11" and 11" x 14"

PRINT COST

\$0.05 and \$0.08



STROMBERG-DATAGRAPHIX Model 1400

MANUFACTURER/DISTRIBUTOR
Stromberg Datagraphix

ADDRESS
P. O. Box 2449
San Diego, California 92112

MODEL

1400 and 1401

LENSES AVAILABLE

24X, 42X, or 48X
(3/4 Blowback)

FICHE SIZES ACCEPTED

Model 1400: 105mm x 148mm
Model 1401: Up to 4" x 12

SCREEN SIZE

11 1/2" x 9"

SCREEN COLOR

Blue or Gray

SCREEN TYPE

Rear Projection, Nonglare

POSITIONING CONTROLS

Fingertip Handle

OPTICAL SYSTEM

Constant Focus
Floating Lens

RATED LAMP LIFE

300 Hours (Minimum)

POWER REQUIREMENT

100-120 VAC 50/60 Hz or
200-240 VAC 50/60 Hz

CONSTRUCTION MATERIAL

Plastic and Aluminum

WEIGHT AND DIMENSIONS

Model 1400: 20 lbs. 18" H,
18" H, 15 1/2" W, 16" D
Model 1401: 30 lbs.
18" H, 29" W, 16" D

OTHER FEATURES

Ball Bearing Carrier
Heat Sink Design
UL Approved

ACCESSORIES

Extended Screen
Viewing Hood
Dust Cover

WARRANTY PERIOD

90 Days

LIST PRICE

Model 1400: \$145.00
Model 1401: \$161.00
(Rental Available)

GSA SCHEDULE

Model 1400: \$136.30
Model 1401: N/A

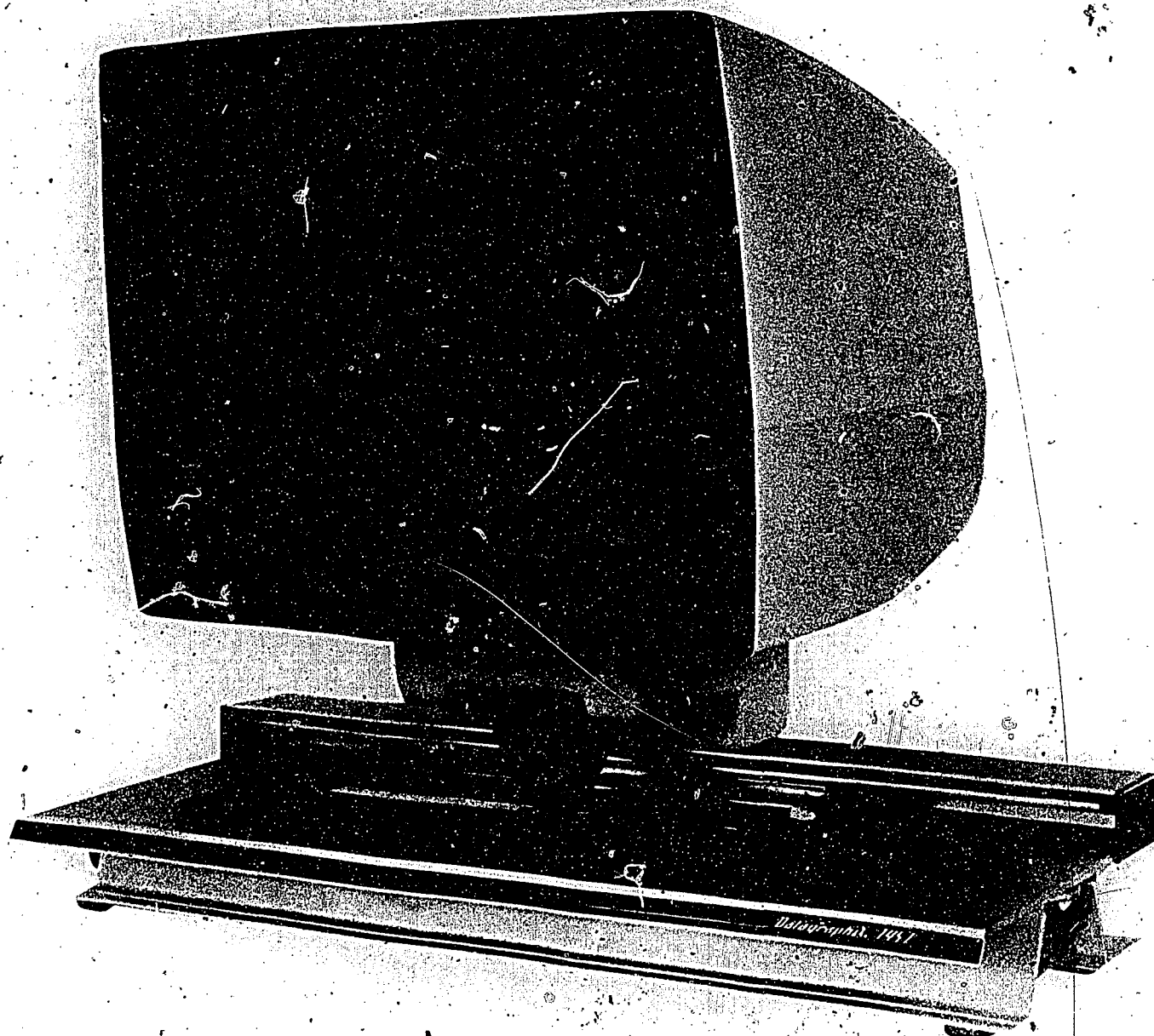
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



STROMBERG DATAGRAPHIX Model 1451

MANUFACTURER/DISTRIBUTOR

Stromberg Datagraphix

ADDRESS

P. O. Box 2449
San Diego, California 92112

MODEL

1450 and 1451

LENSES AVAILABLE

24X, 42X, or 48X

FICHE SIZES ACCEPTED

Model 1450: Up to 4" x 7 3/8"
Model 1451: Up to 4" x 12"

SCREEN SIZE

15" x 12"

SCREEN COLOR

Blue or Gray

SCREEN TYPE

Rear Projection, Nonglare

POSITIONING CONTROLS

Fingertip Handle

OPTICAL SYSTEM

Constant Focus Floating Lens
107% Blowback

RATED LAMP LIFE

250 Hours (Minimum)

POWER REQUIREMENT

110-120 VAC 50/60 Hz

CONSTRUCTION MATERIAL

Plastic and Aluminum

WEIGHT AND DIMENSIONS

Model 1450: 30 lbs.
22" H, 18 1/2" W, 23" D
Model 1451: 39 lbs.
22" H, 29" W, 23" D

OTHER FEATURES

Ball Bearing Carrier
Heat Sink Design
UL Approved

ACCESSORIES

Interchangeable Lenses
Adjustable Legs
Dust Cover

WARRANTY PERIOD

90 Days

LIST PRICE

Model 1450: \$245.00
Model 1451: \$295.00
(Rental Available)

GSA SCHEDULE

Model 1450: \$230.30
Model 1451: N/A

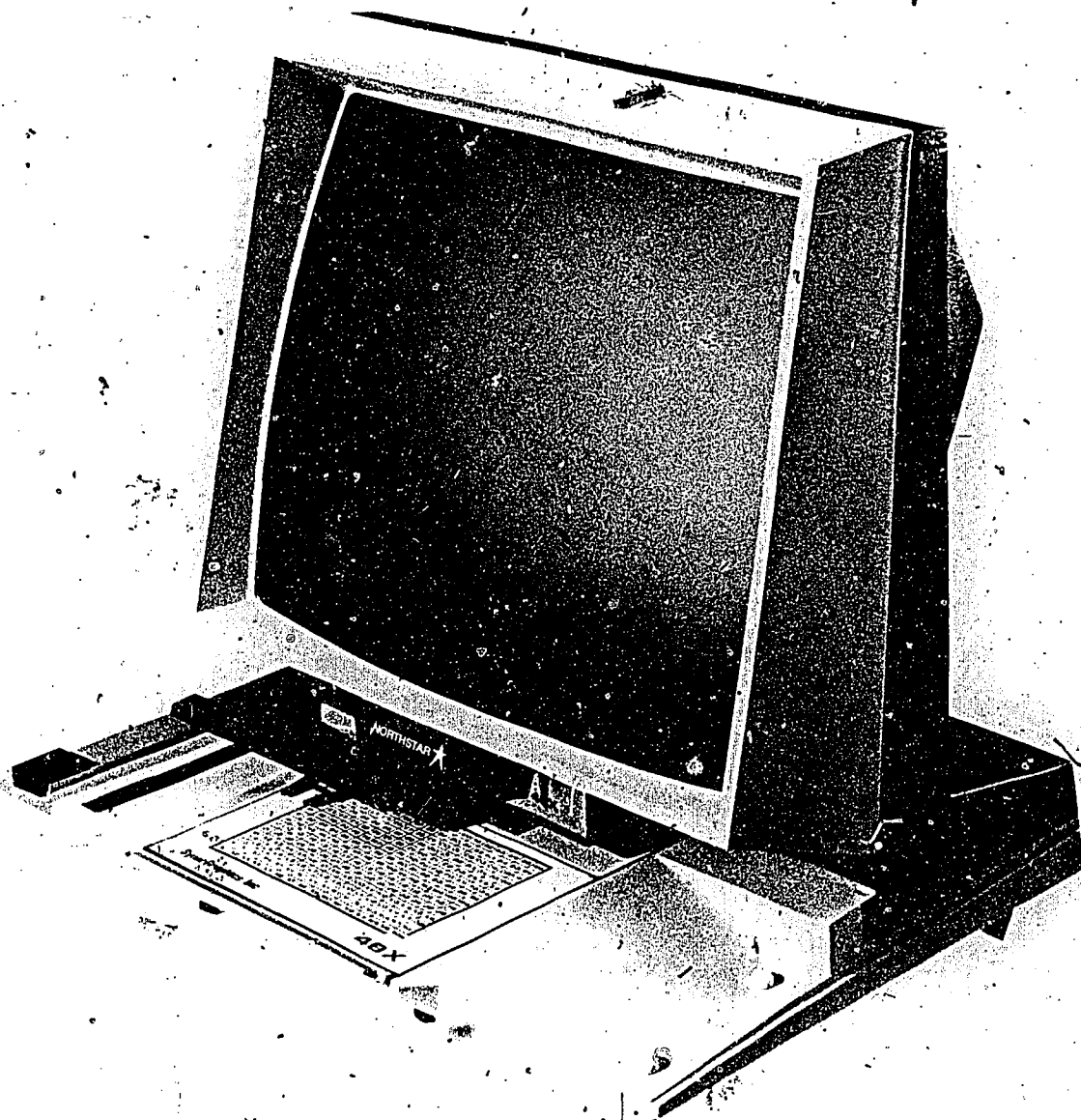
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



SYNER GRAPHICS Northstar 105.

MANUFACTURER/DISTRIBUTOR
Syner Graphics

ADDRESS

Transamerica Pyramid
P. O. Box 7958
San Francisco, California 94120

MODEL

Northstar 105

LENSES AVAILABLE

24X, 42X, or 48X
24X/42X or 24X/48X

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

14" x 11"

SCREEN COLOR

Blue, Gray, or Green

SCREEN TYPE

Convex Rear Projection
Antiglare

POSITIONING CONTROLS

Fingertip Handle

OPTICAL SYSTEM

150 Watt Quartz Halogen Lamp
Heat Filter

RATED LAMP LIFE

100 Hours

POWER REQUIREMENT

117 VAC 50/60 Hz, 165 Watts or
240 VAC 50 Hz

CONSTRUCTION MATERIAL

High-Impact Plastic

WEIGHT AND DIMENSIONS

20 lbs.
18" H, 17 1/2" W, 15" D

OTHER FEATURES

High-Low Lamp Intensity
Auto-Opening Carrier

ACCESSORIES

6" x 7 1/2" Carrier

WARRANTY PERIOD

1 Year (Except Lamp)

LIST PRICE

Single Lens: \$275.00
Dual Lens: \$325.00

GSA SCHEDULE

N/A

READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



TAYLOR-MERCHANT CORPORATION Ambient Hand Viewer

MANUFACTURER/DISTRIBUTOR
Taylor-Merchant Corporation

ADDRESS
25 West 45th Street
New York, New York 10036

MODEL
TMC Ambient Hand Viewer

LENSES AVAILABLE
16X or 12X

FICHE SIZES AC
105mm x 148mm

SCREEN SIZE
N/A

SCREEN COLOR
N/A

SCREEN TYPE
N/A

POSITIONING CONTROLS
Manual

OPTICAL SYSTEM
Doublet

RATED LAMP LIFE
N/A

POWER REQUIREMENT
N/A

CONSTRUCTION MATERIAL
High-Impact Plastic - Moulded and
Aluminum

WEIGHT AND DIMENSIONS
6 ozs.
6" H, 2" W, 1 1/4" D

OTHER FEATURES
Pocket Size

ACCESSORIES
None

WARRANTY PERIOD
1 Year

LIST PRICE
16X - \$21.95.
12X - \$19.95

GSA SCHEDULE
GS-OOS-14665

READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



TAYLOR-MERCHANT CORPORATION Battery Operated Hand Viewer

MANUFACTURER/DISTRIBUTOR
Taylor-Merchant Corporation

ADDRESS
25 West 45th Street
New York, New York 10036

MODEL

TM Battery Operated Hand Viewer

WEIGHT AND DIMENSIONS

8 ozs.
4 1/2" H, 2 1/2" W, 2" D

LENSES AVAILABLE

16X or 12X

OTHER FEATURES

Pocket Size

FICHE SIZES ACCEPTED

4" x 6"

ACCESSORIES

None

SCREEN SIZE

N/A

WARRANTY PERIOD

1 Year

SCREEN COLOR

N/A

LIST PRICE

16X - \$25.95
12X - \$23.95

SCREEN TYPE

N/A

GSA SCHEDULE

GS-008-14665

POSITIONING CONTROLS

Manual

READER-PRINTER (If applicable)

OPTICAL SYSTEM

Doublet

PROCESS

RATED LAMP LIFE

N/A

PRINT SPEED

POWER REQUIREMENT

Penlite Batteries

PRINT SIZE

CONSTRUCTION MATERIAL

High-Impact Plastic and Aluminum

PRINT COST



TAYLOR-MERCHANT CORPORATION Model 300XF Micro Projector

MANUFACTURER/DISTRIBUTOR

Taylor-Merchant Corporation

ADDRESS25 West 45th Street
New York, New York 10036**MODEL**

7700X Micro projector

WEIGHT AND DIMENSIONS3 lbs.
6" H, 3" W, 8" D**LENSES AVAILABLE**

2.8 - 60mm

OTHER FEATURES

Fan Cooled

FICHE SIZES ACCEPTED

105mm x 148mm

ACCESSORIESSlide Adapter
Filmstrip Adapter
Case**SCREEN SIZE**

Variable

WARRANTY PERIOD

3 Months

SCREEN COLOR

W/A

LIST PRICE

\$77.50

SCREEN TYPE

W/A

GSA SCHEDULE

GS-00S-14665

POSITIONING CONTROLS

Manual, Coordinate Index Guide

READER-PRINTER (If applicable)**OPTICAL SYSTEM**

Direct Projection

PROCESS**RATED LAMP LIFE**

75 Hours

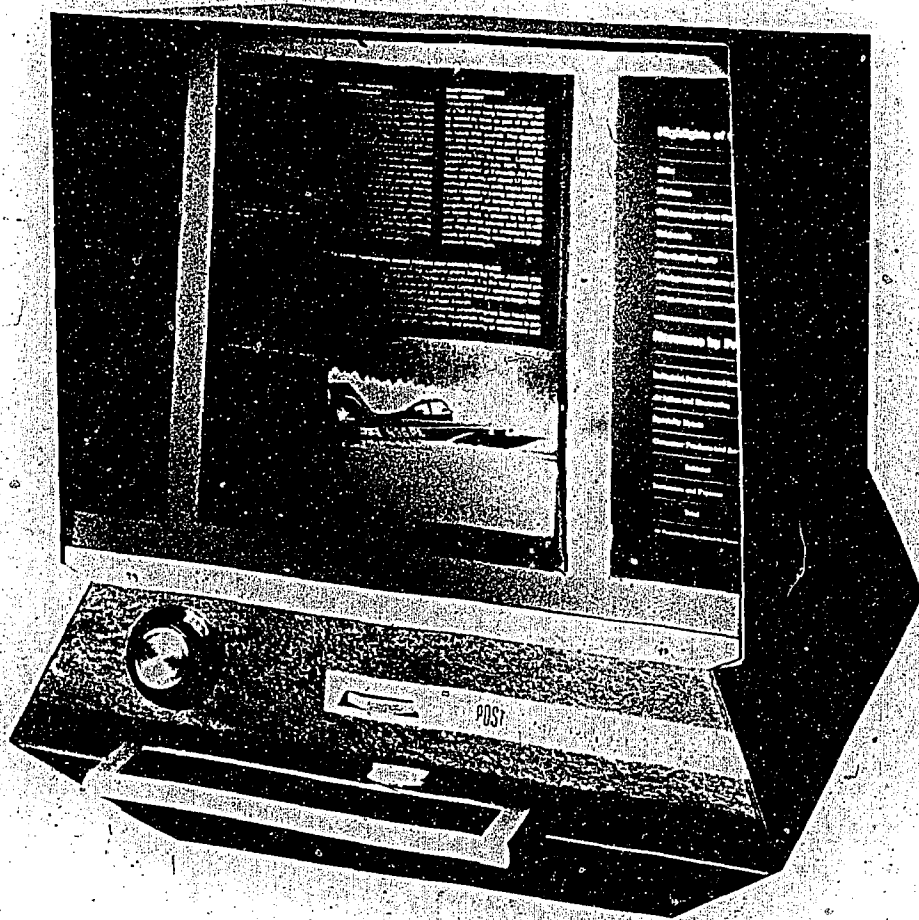
PRINT SPEED**POWER REQUIREMENT**

110 Volts

PRINT SIZE**CONSTRUCTION MATERIAL**

Diecast Aluminum

PRINT COST



TELEDYNE POST Model 2500

MANUFACTURER/DISTRIBUTOR

Teledyne Post

ADDRESS

P.O. Box 803
Chicago, Illinois 60690

MODEL

2500

LENSES AVAILABLE

18X, 21X, 24X or 30X

FICHE SIZES ACCEPTED

Up to 7.48" x 7.48"

SCREEN SIZE

14" x 11"

SCREEN COLOR

Gray, Green, or Blue

SCREEN TYPE

Plastic, Rear Projection

POSITIONING CONTROLS

Front Mounted

OPTICAL SYSTEM

Variable Light Control

RATED LAMP LIFE

900 Hours - Low
700 Hours - Medium
400 Hours - High

POWER REQUIREMENT

115 VAC 50/60 Hz

CONSTRUCTION MATERIAL

Metal

WEIGHT AND DIMENSIONS

42 lbs.
17 1/2" H, 14" W, 15" D

OTHER FEATURES

UL Approved

ACCESSORIES

Swivel Base

WARRANTY PERIOD

90 Days
Except Lamp and Glass Components

LIST PRICE

\$249.00

GSA SCHEDULE

N/A

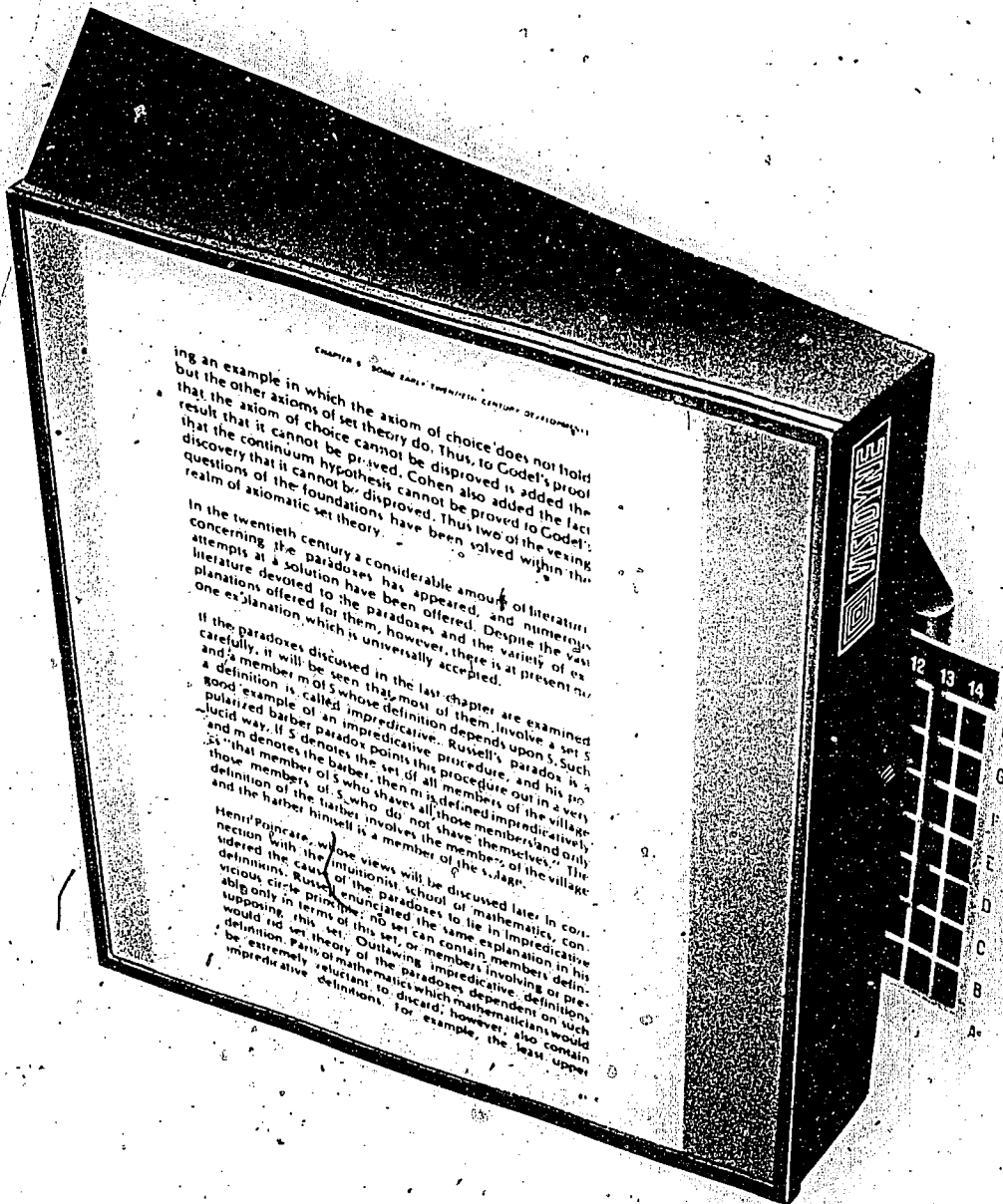
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



MANUFACTURER/DISTRIBUTOR
Visidyne

ADDRESS
19 Third Avenue
Northwest Industrial Park
Burlington, Massachusetts 01803

MODEL
Handbook

WEIGHT AND DIMENSIONS

2 1/2 lbs.
8" H, 7" W, 3 1/2" D

LENSES AVAILABLE
20X or 24X

OTHER FEATURES
--

FICHE SIZES ACCEPTED
105mm x 148mm

ACCESSORIES
Battery Pack
12-Volt

SCREEN SIZE
5 1/2" x 7 1/2"

WARRANTY PERIOD
120 Days (Except Lamp)

SCREEN COLOR
Neutral

LIST PRICE
\$50.00 (Available 1974)

SCREEN TYPE
Nonglare, Rear Projection

GSA SCHEDULE
N/A

POSITIONING CONTROLS
Manual Move Carrier
X-Y Index

READER-PRINTER (If applicable)

OPTICAL SYSTEM
75% Blowback

PROCESS

RATED LAMP LIFE
Not Available

PRINT SPEED

POWER REQUIREMENT
117 VAC
12 DC

PRINT SIZE

Battery Pack
CONSTRUCTION MATERIAL
Plastic

PRINT COST

MANUFACTURER/DISTRIBUTOR

Visidyne

ADDRESS

19 Third Avenue
Northwest Industrial Park
Burlington, Massachusetts 01803

MODEL /

Voyager I

LENSES AVAILABLE

20X or 24X
42X (Optional)

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

7" x 9 1/2"

SCREEN COLOR

Neutral

SCREEN TYPE

Nonflare, Rear Projection

POSITIONING CONTROLS

Manual Move Carrier
X-Y Index

OPTICAL SYSTEM

36 Watt Lamp
Auto Focus System

RATED LAMP LIFE

Not Available

POWER REQUIREMENT

117 VAC 50/60 Hz

CONSTRUCTION MATERIAL

High-Impact Plastic

WEIGHT AND DIMENSIONS

5 lbs.
10 1/2" H, 11" W, 4" D

OTHER FEATURES

Handle

ACCESSORIES

None

WARRANTY PERIOD

120 Days (Except Lamp)

LIST PRICE

\$150.00

GSA SCHEDULE

N/A

READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST

MANUFACTURER/DISTRIBUTOR

Visidyne

ADDRESS

19 Third Avenue
Northwest Industrial Park
Burlington, Massachusetts 01803

MODEL

Specialyst

WEIGHT AND DIMENSIONS

17 lbs.

11" H, 18 1/2" W, 11 1/2" D

LENSES AVAILABLE

Dual 24X and 48X

OTHER FEATURES

Lens Selector Switch

FICHE SIZES ACCEPTED

105mm x 148mm

ACCESSORIES

None

SCREEN SIZE

15 1/2" x 10"

WARRANTY PERIOD

120 Days (Except Lamp)

SCREEN COLOR

Neutral

LIST PRICE

\$300.00

SCREEN TYPE

Rear Projection

GSA SCHEDULE

N/A

POSITIONING CONTROLS

Easy Move Carrier
with X-Y Index

READER-PRINTER (If applicable)

OPTICAL SYSTEM

Dual Optics

PROCESS

RATED LAMP LIFE

Not Available

PRINT SPEED

POWER REQUIREMENT

120 VAC 60 Hz or
220-240 VAC 50 Hz

PRINT SIZE

CONSTRUCTION MATERIAL

High-Impact Plastic

PRINT COST



WSI MICROGRAPHICS INFORMANT Model IF

MANUFACTURER/DISTRIBUTOR

WSI Micrographics

ADDRESS

Washington Scientific Industries, Inc.
Long Lake, Minnesota 55356

MODEL

INFORMANT Model IF

LENSES AVAILABLE

24X or 32X

FICHE SIZES ACCEPTED

105mm x 148mm

SCREEN SIZE

9" x 11"

SCREEN COLOR

White

SCREEN TYPE

MAGNIRAMA Front Projection

POSITIONING CONTROLS

X-Y Indexing, Manual

OPTICAL SYSTEM

Heat Filtering Optics

RATED LAMP LIFE

450 Hours

POWER REQUIREMENT

117 VAC 50/60 Hz

CONSTRUCTION MATERIAL

High-Impact Plastic Case with
Metal Chassis

WEIGHT AND DIMENSIONS

8 lbs.

Closed: 4 1/2" H, 11 1/4" W, 10" D

Open: 9 1/2" H, 11 1/4" W, 14" D

OTHER FEATURES

Portable with Handle

12V Auto Adaptor (Optional)

ACCESSORIES

12V Battery in Separate Case

12V Battery (Built-in)

WARRANTY PERIOD

90 Days

LIST PRICE

\$149.00

GSA SCHEDULE

N/A

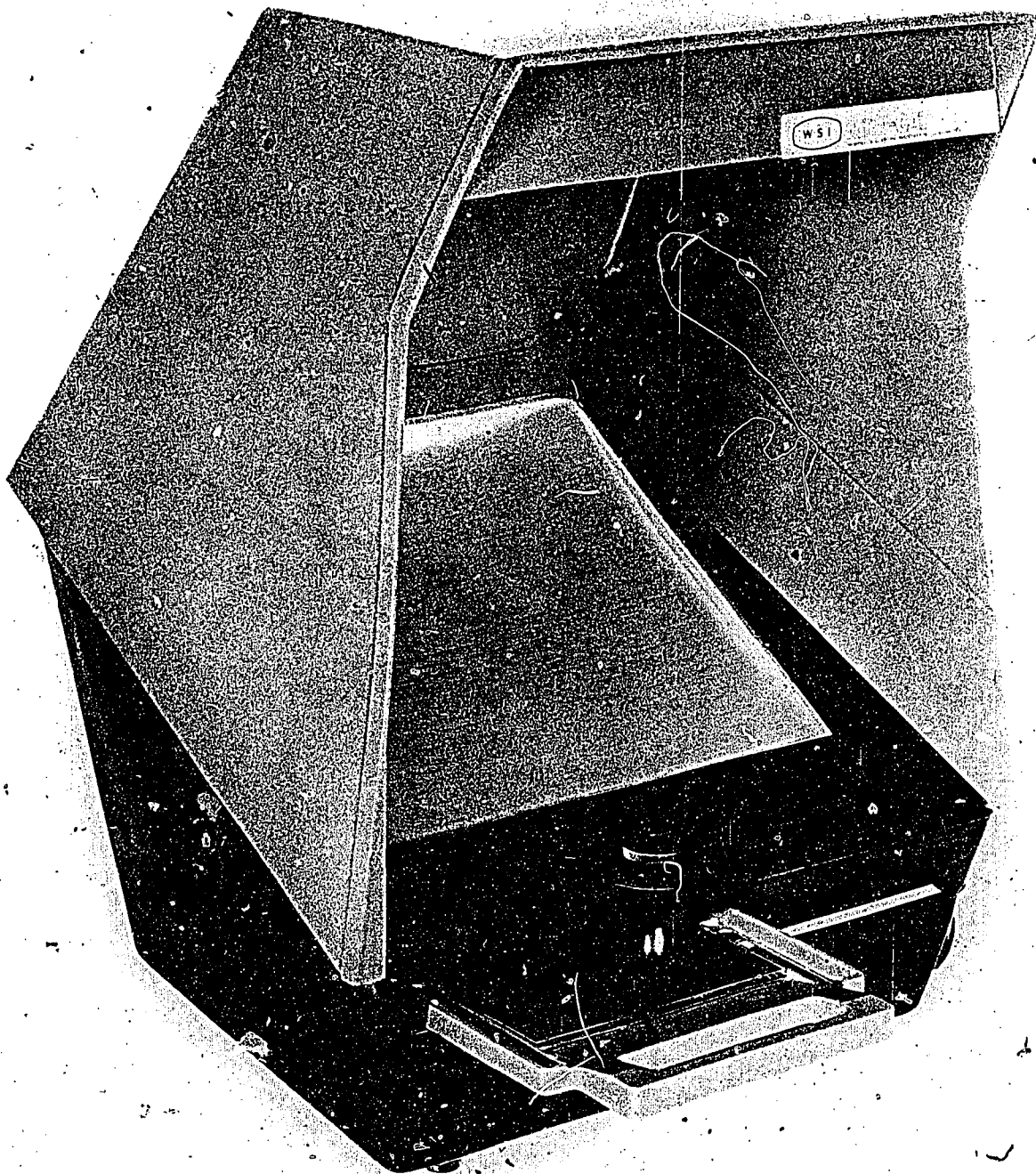
READER-PRINTER (If applicable)

PROCESS

PRINT SPEED

PRINT SIZE

PRINT COST



WSI MICROGRAPHICS MINI-CAT Model MC

MANUFACTURER/DISTRIBUTOR

WSI Micrographics

ADDRESS

Washington Scientific Industries, Inc.
Long Lake, Minnesota 55356

MODEL

MINI-CAT Model MC

WEIGHT AND DIMENSIONS

22 1/2 lbs.

23 1/2" H, 18" W, 17" D

LENSES AVAILABLE

24X, 42X and 48X

OTHER FEATURES

Available with a Dual Lens System
High and Low Lamp Switch

FICHE SIZES ACCEPTED

105mm x 148mm

ACCESSORIES

None

SCREEN SIZE

14" x 11"

WARRANTY PERIOD

90 Days

SCREEN COLOR

White

LIST PRICE

Single Lens \$199.00

Dual Lens \$249.00

SCREEN TYPE

MAGNIRAMA

Front Projection

GSA SCHEDULE

Single Lens \$169.15

Dual Lens \$211.65

POSITIONING CONTROLS

X-Y Indexing, Manual

READER-PRINTER (If applicable)

OPTICAL SYSTEM

Heat Filtering Optics

PROCESS

RATED LAMP LIFE

500 Hours High

1200 Hours Normal

PRINT SPEED

POWER REQUIREMENT

117 VAC 50/60 Hz

PRINT SIZE

CONSTRUCTION MATERIAL

High-Impact Plastic Case with
Metal Chassis

PRINT COST